388.11
1969-1986

Montana. Highways, Department of

CONSTRUCTION COST INDEX

5
388.11
H3C
1969
1986

STATE DOCUMENTS

FORREST H. ANDERSON
GOVERNOR

MONTANA HIGHWAY COMMISSION

HELENA, MONTANA 59601

LEWIS M. CHITTIM
STATE HIGHWAY ENGINEER

April 10, 1969

IN REPLY REFER TO:

26-JWH

Gentlemen:

Attached is a copy of the Montana Highway Construction Cost Index for the second half of the year 1968.

The index for this period stands at 129.5, 1.1 index points below the previous six month reporting period and indicates a decrease of less than one percent.

The average index for the calendar year 1968 stands at 128.8 and is an increase of 15.2 index points above the previous year. Yearly construction costs indicated an increase of 13.4 percent.

We hope the index is of interest to you as a means of following construction cost trends.

Very truly yours,

LEWIS M. CHITTIM, P.E.
State Highway Engineer

By Paul R. DeVine
Paul R. DeVine
Planning Survey Manager

PRD/JWH/mu
Attach.

MONTANA STATE LIBRARY
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JOHN D. WHEELER, SECRETARY
HELENA

SECOND HALF 1968

MONTANA HIGHWAY COMMISSION

NUMBER & SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS & AVERAGE NUMBER OF BIDDERS

PROJECT VOLUME	Under $50,000	$50,000 to 100,000	$100,000 to 250,000	$250,000 to 500,000	$500,000 to 1,000,000	Over $1,000,000	Total All Projects
No. of Projects	16	11	4	3	5	5	44
Total Contract Amount	$424,052.12	$740,695.16	$804,797.81	$1,267,501.36	$3,221,492.33	$12,620,114.15	$19,078,652.93
Average Contract Amount	$ 26,503.25	$ 67,335.92	$201,199.45	$422,500.95	$644,298.46	$2,524,022.83	$433,605.75
Number Bidders	52	39	21	17	34	34	197
Avg Number Bidders per Project	3.2	3.5	5.2	5.7	6.8	6.8	4.5

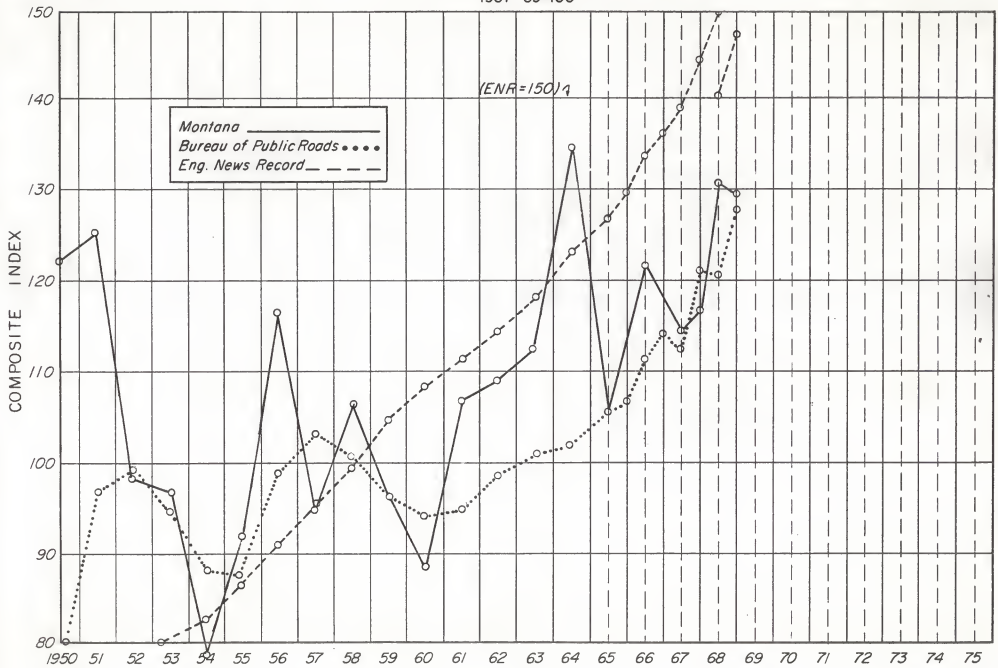
MONTANA CONSTRUCTION COST INDEX - PRICE TRENDS

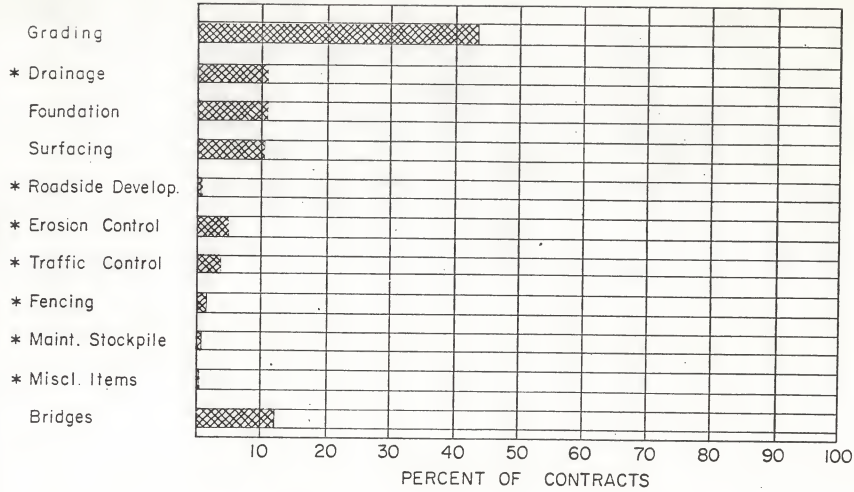
1957-59 = 100

YEAR	UNCLASSIFIED EXCAVATION		BASE COURSE		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS		PORTLAND CEMENT CONCRETE		SURFACING INDEX	STRUCTURE CONCRETE		REINFORCING STEEL		PRESTRESSED BEAMS		STRUCTURES INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	123.9	0.856	108.2	4.819	147.1	*	-	147.1	62.510	102.5	0.146	96.7	*	-	101.6	122.0
1951	0.358	123.9	1.061	134.1	4.960	151.5	*	-	151.5	49.970	81.9	6.169	111.9	*	-	87.7	125.3
1952	0.228	78.9	0.800	101.1	4.637	141.6	*	-	141.6	68.070	111.6	0.167	110.6	*	-	111.4	98.4
1953	0.286	99.0	0.700	88.5	3.093	94.4	*	-	94.4	61.940	101.5	0.158	104.6	*	-	102.1	96 9
1954	0.211	73.0	0.650	82.2	2.588	79.0	*	-	79.0	58.255	95.5	0.138	91.4	*	-	94.5	78.8
1955	0.267	92.4	0.792	100.1	2.796	85.4	*	-	85.4	51.721	84.8	0.151	100.0	*	-	87.8	91.9
1956	0.342	118.3	0.929	117.4	3.984	121.6	*	-	121.6	59.345	97.3	0.174	115.2	*	-	100.6	116.3
1957	0.258	89.3	0.764	96.6	3.735	114.0	*	-	116.0	52.969	86.8	0.149	98.7	*	-	89.4	94.9
1958	0.313	108.3	0.829	104.8	3.305	100.9	*	-	100.9	66.971	109.8	0.154	102.0	*	-	108.0	106.4
1959	0.273	94.5	0.756	95.6	3.110	95.0	*	-	95.0	65.214	106.9	0.149	98.7	*	-	105.0	96.3
1960	0.258	89.3	0.601	76.0	2.870	87.6	*	-	87.6	62.196	102.0	0.149	98.7	*	-	101.3	88.5
1961	0.332	114.9	0.798	100.9	3.057	93.3	4.486	94.6	93.7	67.954	111.4	0.151	100.0	23.281	111.8	109.7	106.9
1962	0.358	123.9	0.684	86.5	2.963	90.5	5.501	116.0	102.4	68.409	112.2	0.139	92.1	20.383	97.9	104.9	109.1
1963	0.378	130.8	0.752	95.1	3.365	102.7	3.973	83.8	90.6	67.807	111.2	0.142	94.0	21.612	103.8	105.1	112.4
1964	0.510	176.5	0.837	105.8	3.425	104.6	3.796	80.0	83.1	72.179	118.3	0.144	95.4	22.364	107.4	111.7	134.2
1965	0.322	111.4	0.735	92.9	3.312	101.1	4.150	87.5	94.9	72.972	119.6	0.149	98.7	23.150	111.2	114.0	105.3
1966	0.393	136.0	0.701	88.6	3.992	121.9	*	-	121.9	69.836	114.5	0.152	100.7	24.158	116.1	112.3	121.4
1967																	
1-Half	0.363	125.6	0.696	88.0	4.169	127.3	4.250	89.6	101.4	71.849	117.8	0.159	105.3	21.400	102.8	112.4	114.2
2-Half	0.321	111.1	0.873	111.1	4.340	132.5	*	-	132.5	81.874	134.2	0.161	106.6	22.903	110.0	122.9	116.7
Average	0.337	116.6	0.778	98.3	4.283	130.8	4.250	89.6	113.8	77.742	127.5	0.160	106.0	22.416	107.7	118.8	113.6
1968																	
1-Half	0.413	142.9	0.967	122.2	4.030	123.1	*	-	123.1	79.373	139.1	0.152	100.7	21.016	101.0	117.5	130.6
2-Half	**0.381**	**131.8**	**1.000**	**126.4**	**4.294**	**131.1**	*	-	**131.1**	**86.080**	**141.1**	**0.167**	**112.1**	**22.900**	**110.0**	**125.3**	**129.5**
Average	**0.395**	**136.7**	**0.967**	**122.3**	**4.068**	**124.2**	*	-	**124.2**	**85.565**	**135.4**	**0.158**	**106.0**	**21.869**	**105.1**	**119.8**	**128.8**
1957-59 Base	0.289	100.0	0.791	100.0	3.275	100.0	4.743	100.0	100.0	60.990	100.0	0.151	100.0	20.816	100.0	100.0	100.0

* Insufficient sample -- not used for computing index

MONTANA HIGHWAY COMMISSION
PLANNING SURVEY SECTION
PRICE TRENDS IN HIGHWAY CONSTRUCTION
1957-59=100





DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JAN. 1, 1968 — DEC. 30, 1968

* Not Included In Price Index.

625.7
H2c

STATE DOCUMENTS

FORREST H. ANDERSON
GOVERNOR

MONTANA HIGHWAY COMMISSION

HELENA, MONTANA 59601

LEWIS M. CHITTIM
STATE HIGHWAY ENGINEER

September 19, 1969

IN REPLY REFER TO:
26-DJO

Gentlemen:

Attached is a copy of the Montana Highway Construction Cost Index for the first half of the year 1969.

The index for this period stands at 122.9, 6.6 index points below the previous six month reporting period and indicates a decrease of 3.5 percent.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,

LEWIS M. CHITTIM, P.E.,
State Highway Engineer

By Paul R. DeVine
Paul R. DeVine
Planning Survey Director

PRD/DJO/vs

Attachment

930 East
Helena, Montana 59601

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JOHN D. WHEELER, SECRETARY
HELENA

FIRST HALF 1969

MONTANA HIGHWAY COMMISSION

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS & AVERAGE NUMBER OF BIDDERS

PROJECT VOLUME	Under $50,000	$50,000 to 100,000	$100,000 to 250,000	$250,000 to 500,000	$500,000 to 1,000,000	Over $1,000,000	Total All Projects
No. of Projects	24	6	7	3	8	14	62
Total Contract Amount	$609,918.67	$421,193.37	$1,247,871.86	$1,054,921.26	$6,914,913.87	$31,178,356.45	$41,427,175.38
Average Contract Amount	$ 25,413.28	$ 70,198.89	$ 178,267.41	$ 351,640.42	$ 864,364.23	$ 2,227,025.45	$ 668,180.25
Number Bidders	88	22	38	20	51	82	301
Avg Number Bidders per Project	3.7	3.7	5.4	6.7	6.4	5.9	4.9

INFORMATION OBTAINED FROM BID TABULATIONS & AWARD SHEETS

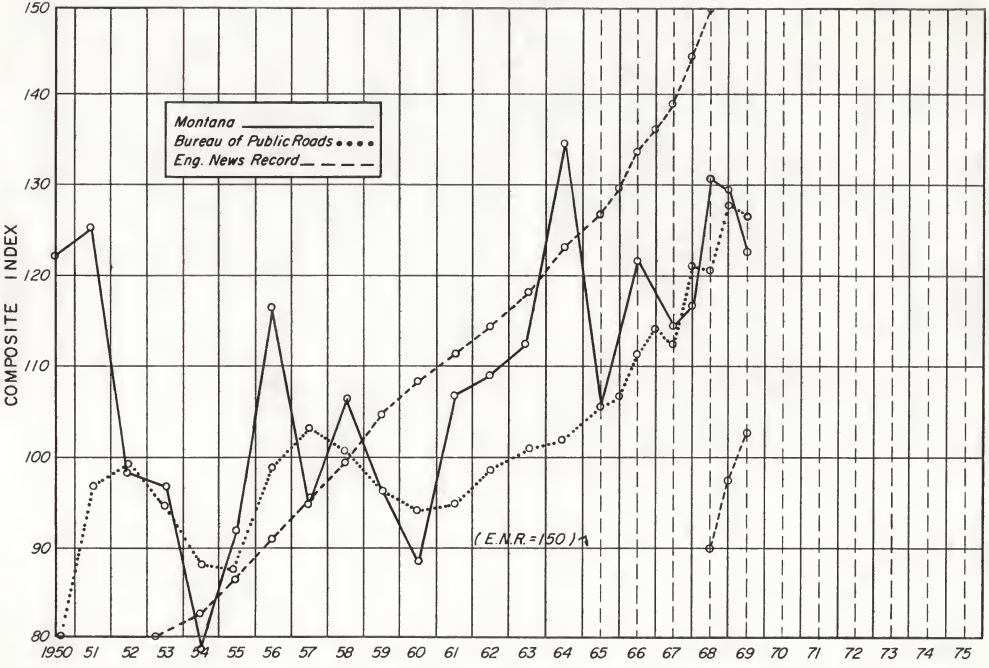
MONTANA CONSTRUCTION COST INDEX - PRICE TRENDS

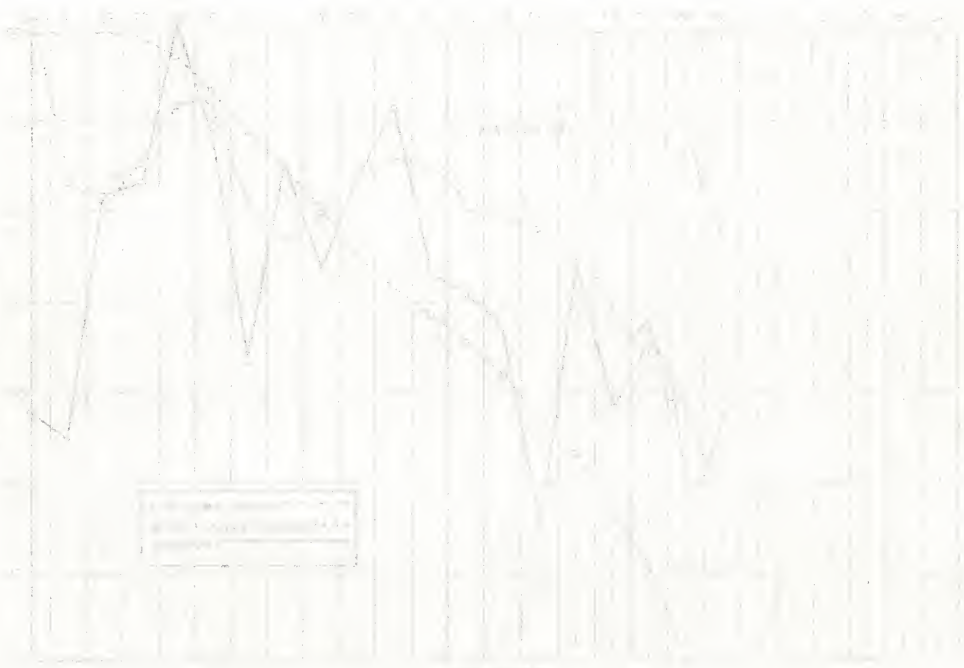
1957-59 = 100

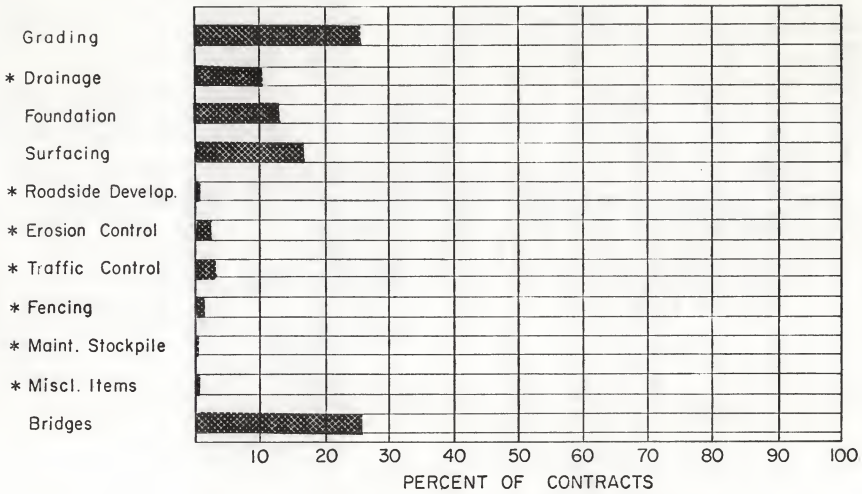
YEAR	UNCLASSIFIED EXCAVATION		BASE COURSE		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS		PORTLAND CEMENT CONCRETE			STRUCTURE CONCRETE		REINFORCING STEEL		PRESTRESSED BEAMS			
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	SURFACING INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	STRUCTURES INDEX	
1950	0.358	123.9	0.856	108.2	4.819	147.1	*	-	147.1	62.510	102.5	0.146	96.7	*	-	101.6	122.0
1951	0.358	123.9	1.061	134.1	4.960	151.5	*	-	151.5	49.970	81.9	6.169	111.9	*	-	87.7	125.3
1952	0.228	78.9	0.800	101.1	4.637	141.6	*	-	141.6	68.070	111.6	0.167	110.6	*	-	111.4	98.4
1953	0.286	99.0	0.700	88.5	3.093	94.4	*	-	94.4	61.940	101.5	0.158	104.6	*	-	102.1	96.9
1954	0.211	73.0	0.650	82.2	2.588	79.0	*	-	79.0	58.255	95.5	0.138	91.4	*	-	94.5	78.8
1955	0.267	92.4	0.792	100.1	2.796	85.4	*	-	85.4	51.721	84.8	0.151	100.0	*	-	87.8	91.9
1956	0.342	118.3	0.929	117.4	3.984	121.6	*	-	121.6	59.345	97.3	0.174	115.2	*	-	100.6	116.3
1957	0.258	89.3	0.764	96.6	3.735	114.0	*	-	116.0	52.969	86.8	0.149	98.7	*	-	89.4	94.9
1958	0.313	108.3	0.829	104.8	3.305	100.9	*	-	100.9	66.971	109.8	0.154	102.0	*	-	108.0	106.4
1959	0.273	94.5	0.756	95.6	3.110	95.0	*	-	95.0	65.214	106.9	0.149	98.7	*	-	105.0	96.3
1960	0.258	89.3	0.601	76.0	2.870	87.6	*	-	87.6	62.196	102.0	0.149	98.7	*	-	101.3	88.5
1961	0.332	114.9	0.798	100.9	3.057	93.3	4.486	94.6	93.7	67.954	111.4	0.151	100.0	23.281	111.8	109.7	106.9
1962	0.358	123.9	0.684	86.5	2.963	90.5	5.501	116.0	102.4	68.409	112.2	0.139	92.1	20.383	97.9	104.9	109.1
1963	0.378	130.8	0.752	95.1	3.365	102.7	3.973	83.8	90.6	67.807	111.2	0.142	94.0	21.612	103.8	105.1	112.4
1964	0.510	176.5	0.837	105.8	3.425	104.6	3.796	80.0	83.1	72.179	118.3	0.144	95.4	22.364	107.4	111.7	134.2
1965	0.322	111.4	0.735	92.9	3.312	101.1	4.150	87.5	94.9	72.972	119.6	0.149	98.7	23.150	111.2	114.0	105.3
1966	0.393	136.0	0.701	88.6	3.992	121.9	*	-	121.9	69.836	114.5	0.152	100.7	24.158	116.1	112.3	121.4
1967																	
1-Half	0.363	125.6	0.696	88.0	4.169	127.3	4.250	89.6	101.4	71.849	117.8	0.159	105.3	21.400	102.8	112.4	114.2
2-Half	0.321	111.1	0.879	111.1	4.340	132.5	*	-	132.5	81.874	134.2	0.161	106.6	22.903	110.0	122.9	116.7
Average	0.337	116.6	0.778	98.3	4.283	130.8	4.250	89.6	113.8	77.742	127.5	0.160	106.0	22.416	107.7	118.8	113.6
1968																	
1-Half	0.413	142.9	0.967	122.2	4.030	123.1	*	-	123.1	79.373	139.1	0.152	100.7	21.016	101.0	117.5	130.6
2-Half	0.381	131.8	1.000	126.4	4.294	131.1	*	-	131.1	86.080	141.1	0.167	112.1	22.900	110.0	125.3	129.5
Average	0.395	136.7	0.967	122.3	4.068	124.2	*	-	124.2	85.569	133.4	0.158	106.0	21.869	105.1	119.8	128.8
1969																	
1-Half	0.419	145.0	0.699	88.4	3.663	111.8	4.558	96.1	105.6	77.551	127.2	0.151	100.0	25.215	121.1	121.0	122.9
1957-59 Base	0.289	100.0	0.791	100.0	3.275	100.0	4.743	100.0	100.0	60.990	100.0	0.151	100.0	20.816	100.0	100.0	100.0

* Insufficient sample -- not used for computing index

MONTANA HIGHWAY COMMISSION
PLANNING SURVEY SECTION
PRICE TRENDS IN HIGHWAY CONSTRUCTION
1957-59=100



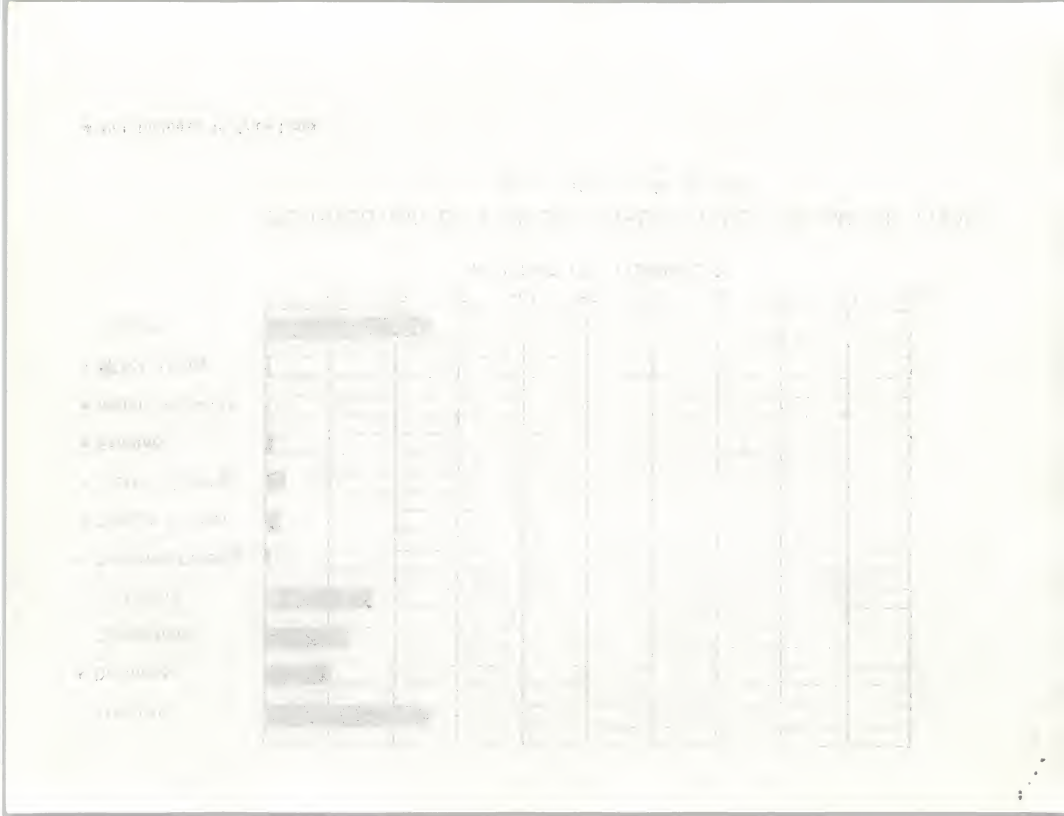




DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JAN 1, 1969 - JUNE 30, 1969

* Not Included In Price Index.



625.7
H3c

STATE DOCUMENTS

FORREST H. ANDERSON
GOVERNOR

MONTANA HIGHWAY COMMISSION

HELENA, MONTANA 59601

LEWIS M. CHITTIM
STATE HIGHWAY ENGINEER

February 26, 1970

IN REPLY REFER TO:

26-DJO

Gentlemen:

Attached is a copy of the Montana Highway Construction Cost Index for the second half of the year 1969.

The index for this period stands at 136.1, 13.4 index points above the previous six month reporting period and indicates an increase of 10.9 percent.

The average index for the calendar year 1969 stands at 129.3 and is an increase of 0.5 index points above the previous year. Yearly construction costs indicated an increase of 0.4 percent.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,

LEWIS M. CHITTIM, P. E.,
State Highway Engineer

By Paul R. DeVine
Paul R. DeVine
Planning Survey Director

PRD/DJO/oh

Attachment

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JOHN D. WHEELER, SECRETARY
HELENA

SECOND HALF 1969

MONTANA HIGHWAY COMMISSION

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS & AVERAGE NUMBER OF BIDDERS

PROJECT VOLUME	Under $50,000	$50,000 to 100,000	$100,000 to 250,000	$250,000 to 500,000	$500,000 to 1,000,000	Over $1,000,000	Total All Projects
No. of Projects	20	10	5	9	10	10	64
Total Contract Amount	$383,652.18	$690,734.92	$864,951.59	$3,545,950.85	$6,864,808.86	$25,279,957.06	$37,630,055.46
Average Contract Amount	$ 19,182.61	$ 69,073.49	$172,990.32	$ 393,994.54	$ 686,480.89	$ 2,527,995.71	$ 587,969.62
Number Bidders	75	33	32	52	60	60	312
Avg. Number Bidders per Project	3.7	3.3	6.4	5.8	6.0	6.0	4.9

INFORMATION OBTAINED FROM BID TABULATIONS & AWARD SHEETS

MONTANA CONSTRUCTION COST INDEX - PRICE TRENDS

1957-59 = 100

YEAR	UNCLASSIFIED EXCAVATION		BASE COURSE		SURFACING					STRUCTURES						COMPOSITE INDEX
					PLANT MIXED BITUMINOUS		PORTLAND CEMENT CONCRETE			STRUCTURE CONCRETE		REINFORCING STEEL		PRESTRESSED BEAMS		
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	SURFACING INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	STRUCTURES INDEX
1950	0.358	123.9	0.856	108.2	4.819	147.1	*	-	147.1	62.510	102.5	0.146	96.7	*	-	101.6	122.0
1951	0.358	123.9	1.061	134.1	4.960	151.5	*	-	151.5	49.970	81.9	0.169	111.9	*	-	87.7	125.3
1952	0.228	78.9	0.800	101.1	4.637	141.6	*	-	141.6	68.070	111.6	0.167	110.6	*	-	111.4	98.4
1953	0.286	99.0	0.700	88.5	3.093	94.4	*	-	94.4	61.940	101.5	0.158	104.6	*	-	102.1	96.9
1954	0.211	73.0	0.650	82.2	2.588	79.0	*	-	79.0	58.255	95.5	0.138	91.4	*	-	94.5	78.8
1955	0.267	92.4	0.792	100.1	2.796	85.4	*	-	85.4	51.721	84.8	0.151	100.0	*	-	87.8	91.9
1956	0.342	118.3	0.929	117.4	3.984	121.6	*	-	121.6	59.345	97.3	0.174	115.2	*	-	100.6	116.3
1957	0.258	89.3	0.764	96.6	3.735	114.0	*	-	116.0	52.969	86.8	0.149	98.7	*	-	89.4	94.9
1958	0.313	108.3	0.829	104.8	3.305	100.9	*	-	100.9	66.971	109.8	0.154	102.0	*	-	108.0	106.4
1959	0.273	94.5	0.756	95.6	3.110	95.0	*	-	95.0	65.214	106.9	0.149	98.7	*	-	105.0	96.3
1960	0.258	89.3	0.601	76.0	2.870	87.6	*	-	87.6	62.196	102.0	0.149	98.7	*	-	101.3	88.5
1961	0.332	114.9	0.798	100.9	3.057	93.3	4.486	94.6	93.7	67.954	111.4	0.151	100.0	23.281	111.8	109.7	106.9
1962	0.358	123.9	0.684	86.5	2.963	90.5	5.501	116.0	102.4	68.409	112.2	0.139	92.1	20.383	97.9	104.9	109.1
1963	0.378	130.8	0.752	95.1	3.365	102.7	3.973	83.8	90.6	67.807	111.2	0.142	94.0	21.612	103.8	109.1	112.4
1964	0.510	176.5	0.837	105.8	3.425	104.6	3.796	80.0	83.1	72.179	118.3	0.144	95.4	22.364	107.4	111.7	134.2
1965	0.322	111.4	0.735	92.9	3.312	101.1	4.150	87.5	94.9	72.972	119.6	0.149	98.7	23.150	111.2	114.0	105.3
1966	0.393	136.0	0.701	88.6	3.992	121.9	*	-	121.9	69.836	114.5	0.152	100.7	24.158	116.1	112.3	121.4
1967																	
1-Half	0.363	125.6	0.696	88.0	4.169	127.3	4.250	89.6	101.4	71.849	117.8	0.159	105.3	21.400	102.8	112.4	114.7
2-Half	0.321	111.1	0.879	111.1	4.340	132.5	*	-	132.5	81.874	134.2	0.161	106.6	22.903	110.0	122.9	116.7
Average	0.337	116.6	0.778	98.3	4.283	130.8	4.250	89.6	113.8	77.742	127.5	0.160	106.0	22.416	107.7	118.8	113.6
1968																	
1-Half	0.413	142.9	0.967	122.2	4.030	123.1	*	-	123.1	79.373	139.1	0.152	100.7	21.016	101.0	117.5	130.6
2-Half	0.381	131.8	1.000	126.4	4.294	131.1	*	-	131.1	86.080	141.1	0.167	112.1	22.900	110.0	125.5	129.5
Average	0.395	136.7	0.967	122.3	4.068	124.2	*	-	124.2	85.565	135.4	0.158	106.0	21.869	105.1	119.8	128.8
1969																	
1-Half	0.419	145.0	0.699	88.4	3.663	111.8	4.558	96.1	103.6	77.551	127.2	0.151	100.0	24.908	119.7	120.5	122.7
2-Half	0.469	162.3	0.922	116.5	3.797	115.9	4.142	87.3	104.6	90.226	147.9	0.158	104.6	25.975	122.9	132.5	126.1
Average	0.443	153.3	0.845	106.8	3.737	114.1	4.316	91.0	104.9	80.668	132.3	0.155	101.3	25.219	121.2	123.7	129.3
1957-59 Base	0.289	100.0	0.791	100.0	3.275	100.0	4.743	100.0	100.0	60.990	100.0	0.151	100.0	20.816	100.0	100.0	100.0

* Insufficient sample -- not used for computing index

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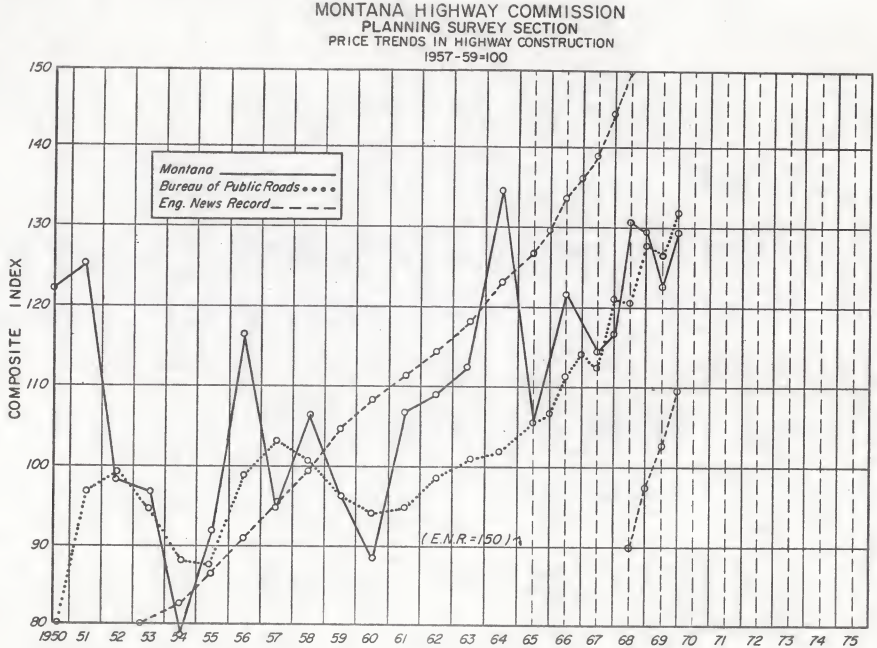
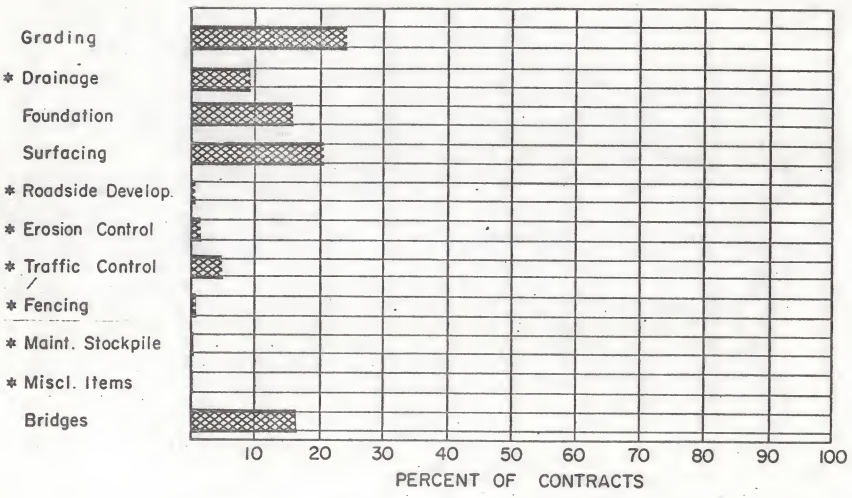


SECOND HALF OF 1969



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JULY 1-1969-DEC. 31, 1969

* Not Included In Price Index.

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STATE DOCUMENTS

FORREST H. ANDERSON
GOVERNOR

MONTANA HIGHWAY COMMISSION

HELENA, MONTANA 59601

LEWIS M. CHITTIM
STATE HIGHWAY ENGINEER

IN REPLY REFER TO:

August 12, 1970

26-JWH

Gentlemen:

Attached is a copy of the Montana Highway Construction Cost Index for the first half of the year 1970.

The index for this period stands at 119.2, 3.5 index points above the previous six months reporting period and indicates an increase of 3.0 percent.

The Planning Survey Section has just completed a revision of the base period of the Highway Construction Cost Index. The new index is based on average prices for the year 1967 and a list of base index values for this period is included.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,

LEWIS M. CHITTIM, P.E.
State Highway Engineer

By James W. Blakley for
Paul R. DeVine
Planning Survey Director

MONTANA STATE LIBRARY
930 East Lyndale Avenue
Helena, Montana 59601

PRD/JWH/ch
Attachment

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POPLAR

JOHN J. LEARY, VICE-CHAIRMAN
KALISPELL

G. R. COONEY
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H. S. HANSON
BILLINGS

JOHN D. WHEELER, SECRETARY
HELENA

MONTANA HIGHWAY CONSTRUCTION COST INDEX
1967 Base Index Values

Total miles of construction
1967 = 227.881

Item	Unit	Quantity	Cost Dollars	Base Quantity Mile	Base Unit Price	Base Dollar Amount	Relative Weight %
Excavation	Cu. Yd	20,117,506	6,784,748.02	88,280.7	0.337	29,750.60	43.0
Base Course	Ton	1,134,937	882,809.52	4,980.4	0.778	3,874.75	5.6
Surfacing							
Plant Mix Bit.	Ton	184.112	788,643.26	807.9	4.283	3,460.24	5.0
Portland Cement Conc.	Sq. Yd	118,900	505,325.00	521.8	4.250	2,217.65	3.2
Subtotal Surfacing						5,677.89	8.2
Structures							
Concrete A & AD	Cu. Yd	51,585	4,010,382.93	226.4	77.742	17,600.79	25.4
Reinforcing Steel	Lb.	8,443,058	1,351,286.58	37,050.3	0.160	5,928.05	8.6
Prestressed Beams	L. Ft.	65,000	1,457,051.00	285.2	22.416	6,393.04	9.2
Subtotal Structures						29,921.88	43.2
TOTAL						69,225.12	100.0

1. When insufficient sampling occurs the subindex will be based on other items making up that subindex with no regard to the item that was insufficiently sampled.

2. When insufficient sample occurs for the composite index the items that were sampled for the period will be totaled and divided by the base total for the same items.

FIRST HALF 1970

MONTANA HIGHWAY COMMISSION

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS & AVERAGE NUMBER OF BIDDERS

PROJECT VOLUME	Under $50,000	$50,000 to 100,000	$100,000 to 250,000	$250,000 to 500,000	$500,000 to 1,000,000	Over $1,000,000	TOTAL ALL PROJECTS
No. of Projects	13	7	13	7	6	12	58
Total Contract Amount	$273,046.68	$463,037.32	$2,147,600.21	$2,690,724.52	$4,589,286.09	$22,315,349.41	$32,479,044.23
Average Contract Amount	$21,003.59	$66,148.18	$165.200.01	$384,389.22	$764,881.01	$1,859,612.45	$559,983.52
Number Bidders	36	24	57	34	30	76	257
Avg. Number Bidders Per Project	2.8	3.4	4.4	4.9	5.0	6.3	4.4

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

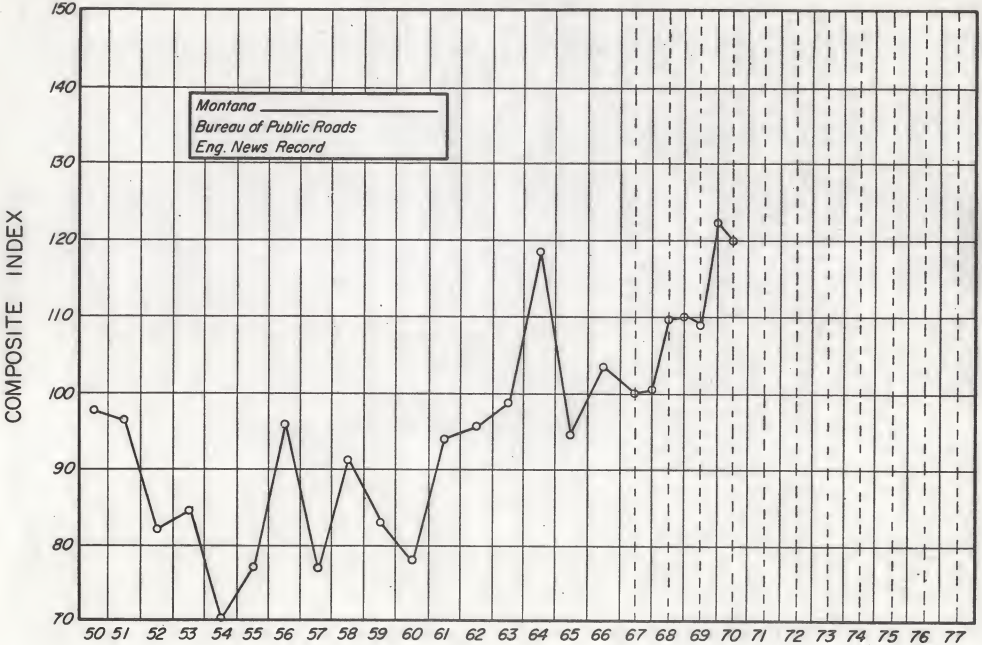
MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

1967 = 100

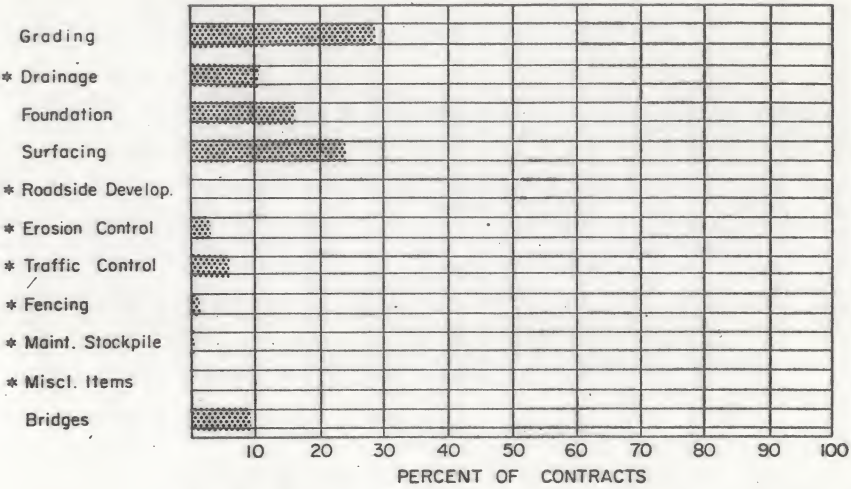
YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5	62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8	49.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3	68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2	61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4	58.255	74.9	0.138	84.1	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3	51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0	59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2	52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2	66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6	65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0	62.196	80.0	0.149	93.1	*	-	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9	67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0	68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9	67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1	72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2	72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2	69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967																	
1-	0.363	107.7	0.696	89.5	4.169	97.3	4.250	100.0	99.1	71.849	92.4	0.159	99.4	21.400	95.6	94.4	100.2
2-	0.321	95.3	0.879	113.0	4.340	101.3	*	-	101.3	81.874	105.3	0.161	100.6	22.903	102.2	103.6	100.4
Aver.	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968																	
1-	0.413	122.5	0.967	124.3	4.030	94.1	*	-	94.1	79.373	102.1	0.152	95.0	21.016	93.8	98.9	110.6
2-	0.381	113.1	1.000	128.5	4.294	100.3	*	-	100.3	86.090	110.7	0.167	104.4	22.900	102.2	100.0	110.9
Aver.	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8	82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969																	
1-	0.419	124.3	0.699	89.8	3.663	85.5	4.558	107.2	93.7	77.551	99.8	0.151	94.4	24.908	111.1	99.5	109.9
2-	0.469	139.2	0.922	118.5	3.797	88.7	4.142	97.5	91.2	89.764	115.5	0.158	98.8	25.576	114.1	112.3	122.3
Aver.	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3	80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970																	
1-	0.415	123.1	0.787	101.2	4.029	94.1	*	-	94.1	96.410	124.0	0.170	106.3	27.901	124.5	120.3	119.2
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

* Insufficient Sample --not used for computing index

MONTANA HIGHWAY COMMISSION
PLANNING SURVEY SECTION
PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



FIRST HALF OF 1970



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JAN. 1, 1970 – JUNE 30, 1970

* Not Included In Price Index.

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STATE DOCUMENTS

FORREST H. ANDERSON
GOVERNOR

MONTANA HIGHWAY COMMISSION

HELENA, MONTANA 59601

LEWIS M. CHITTIM
STATE HIGHWAY ENGINEER

February 16, 1971

IN REPLY REFER TO:

26-DJO

Gentlemen:

Enclosed is one copy of the Montana State Highway Commission's Construction Cost Index for the second half of 1970.

This index for the period of July 1 to December 31, 1970 is computed at 149.2 compared to the base year of 1967. This is also an increase of 30 index points or the equivalent of 25.2 per cent over the previous six month period.

The large increase in construction costs over the first half of 1970 can be primarily attributed to the bid prices received for unclassified excavation and base course materials on the Lookout Pass East and the Saltese West sections of I-90. Four million cubic yards of unclassified excavation on these two contracts were let to low bidders for an average of $1.025 per cubic yard compared to an average of $0.415 per cubic yard for this item during the previous six month period. The cost of base course materials on these two contracts averaged approximately $2.32 per ton compared to an average of $0.787 per ton on all contracts during the first half of 1970.

This index may be of some interest to you as a means of following construction cost trends.

Very truly yours,

LEWIS M. CHITTIM, P.E., State Highway Engineer

By Paul R. DeVine
Paul R. DeVine
Planning Survey Director

MONTANA STATE LIBRARY
930 East Lyndale Avenue
Helena, Montana 59601

PRD/DJO/vs

Enclosure

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JOHN J. LEARY, VICE-CHAIRMAN, KALISPELL
G. R. COONEY, BUTTE
WILLIAM M. KESSNER, BLACK EAGLE
H. S. HANSON, BILLINGS
JOHN D. WHEELER, SECRETARY, HELENA

SECOND HALF 1970

MONTANA HIGHWAY COMMISSION

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS & AVERAGE NUMBER OF BIDDERS

PROJECT VOLUME	Under $50,000	$50,000 to 100,000	$100,000 to 250,000	$250,000 to 500,000	$500,000 to 1,000,000	Over $1,000,000	TOTAL ALL PROJECTS
No. of Projects	18	11	3	10	10	11	63
Total Contract Amount	$466,457.72	$791,255.49	$433,660.17	$3,723,073.07	$7,156,382.40	$26,672.449.32	$39,243,278.17
Average Contract Amount	$25,914.32	$71,932.32	$144,553.39	$372,307.31	$715,638.24	$2,424,768.12	$622.909.17
Number Bidders	61	40	14	41	62	65	283
Avg. Number Bidders Per Project	3.4	3.6	4.7	4.1	6.2	5.9	4.5

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

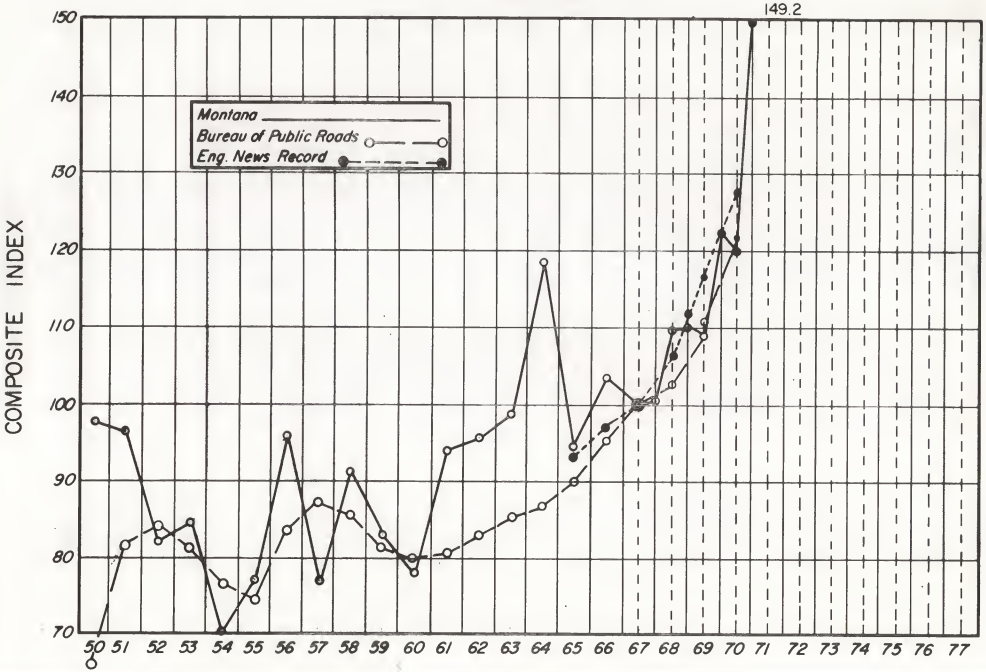
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	–	112.5	62.510	80.4	0.146	91.3	*	–	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	–	115.8	49.970	64.3	0.169	105.6	*	–	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	–	108.3	68.070	87.6	0.167	104.4	*	–	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	–	72.2	61.940	79.7	0.158	98.8	*	–	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	–	60.4	58.255	74.9	0.138	84.4	*	–	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	–	65.3	51.721	66.5	0.151	94.4	*	–	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	–	93.0	59.345	76.3	0.174	108.8	*	–	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	–	87.2	52.969	68.1	0.149	93.1	*	–	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	–	77.2	66.971	86.1	0.154	96.3	*	–	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	–	72.6	65.214	83.9	0.149	93.1	*	–	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	–	67.0	62.196	80.0	0.149	93.1	*	–	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9	67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0	68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9	67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1	72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2	72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	–	93.2	69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967																	
1-	0.363	107.7	0.696	89.5	4.169	97.3	4.250	100.0	99.1	71.849	92.4	0.159	99.4	21.400	95.6	94.4	100.2
2-	0.321	95.3	0.879	113.0	4.340	101.3	*	–	101.3	81.874	105.3	0.161	100.6	22.903	102.2	103.6	100.4
Aver.	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968																	
1-	0.413	122.5	0.967	124.3	4.030	94.1	*	–	94.1	79.373	102.1	0.152	95.0	21.016	93.8	98.9	110.6
2-	0.381	113.1	1.000	128.5	4.294	100.3	*	–	100.3	86.080	110.7	0.167	104.4	22.900	102.2	108.0	110.9
Aver.	0.395	117.2	0.967	124.3	4.068	94.8	*	–	94.8	82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969																	
1-	0.419	124.3	0.699	89.8	3.663	85.5	4.558	107.2	93.7	77.551	99.8	0.151	94.4	24.908	111.1	99.5	109.9
2-	0.469	139.2	0.922	118.5	3.797	88.7	4.142	97.5	91.2	89.764	115.5	0.158	98.8	25.576	114.1	112.3	122.3
Aver.	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3	80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970																	
1-	0.415	123.1	0.787	101.2	4.029	94.1	*	–	94.1	96.410	124.0	0.170	106.3	27.901	124.5	120.3	119.2
2-	0.597	177.2	1.169	150.2	4.936	115.2			115.2	98.868	127.2	0.177	110.6	29.948	133.6	125.3	169.2
Aver.	0.508	150.7	0.906	116.5	4.315	100.7			100.7	98.067	125.1	0.174	108.7	29.399	131.2	123.6	134.1

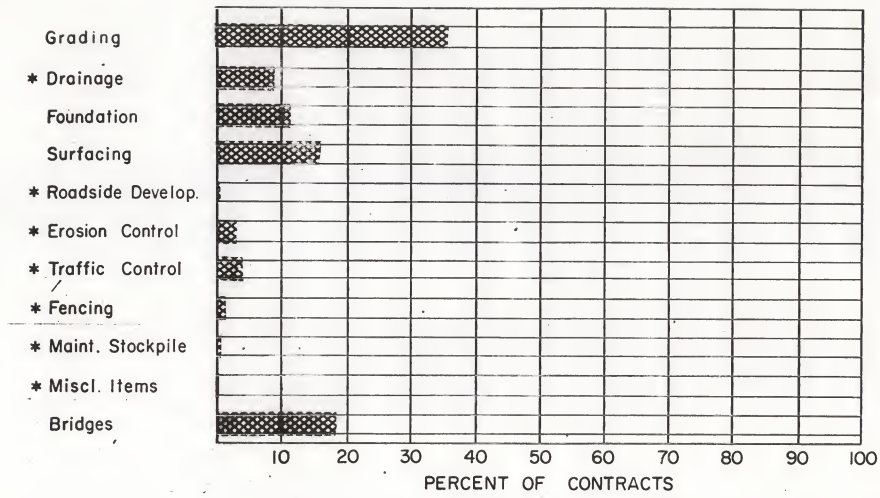
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

* Insufficient Sample --not used for computing index

MONTANA HIGHWAY COMMISSION
PLANNING SURVEY SECTION
PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



SECOND HALF OF 1970



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JULY 1, 1970 - DEC 31, 1970

* Not Included In Price Index.

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STATE DOCUMENTS

FORREST H. ANDERSON
GOVERNOR

FEB 9 1972

MONTANA HIGHWAY COMMISSION

HELENA, MONTANA 59601

H. J. ANDERSON
DIRECTOR OF HIGHWAYS

January 5, 1972

IN REPLY REFER TO:

26-HJS

Gentlemen:

Enclosed is one copy of the Montana Department of Highways' Construction Cost Index for the second half of 1971.

This index for the period of July 1 to December 31, 1971 is computed at 167.9 compared to the base year of 1967. This is also an increase of 15.7 points or the equivalent of 12.3 per cent over the previous six month period.

The increase is attributed primarily to the cost of excavation on two Interstate projects, Boulder Hill North and Boulder Hill South. Nearly six million cubic yards of unclassified excavation on these two contracts were let to low bidders for an average of 89 cents per cubic yard.

This index may be of some interest to you as a means of following construction cost trends.

Very truly yours,

H. J. ANDERSON
Director of Highways

By Paul R. DeVine for
Paul R. DeVine
Chief, Planning & Research Bureau

PRD/HJS/vs

Enclosure

GEORGE VUCANOVICH, CHAIRMAN
HELENA

H. S. HANSON, VICE CHAIRMAN
BILLINGS

G. R. COONEY
BUTTE

WILLIAM M. KESSNER
BLACK EAGLE

R. E. COFFEY
WOLF POINT

JOHN D. WHEELER, SECRETARY
HELENA

MONTANA CONSTRUCTION COST INDEX- PRICE TRENDS

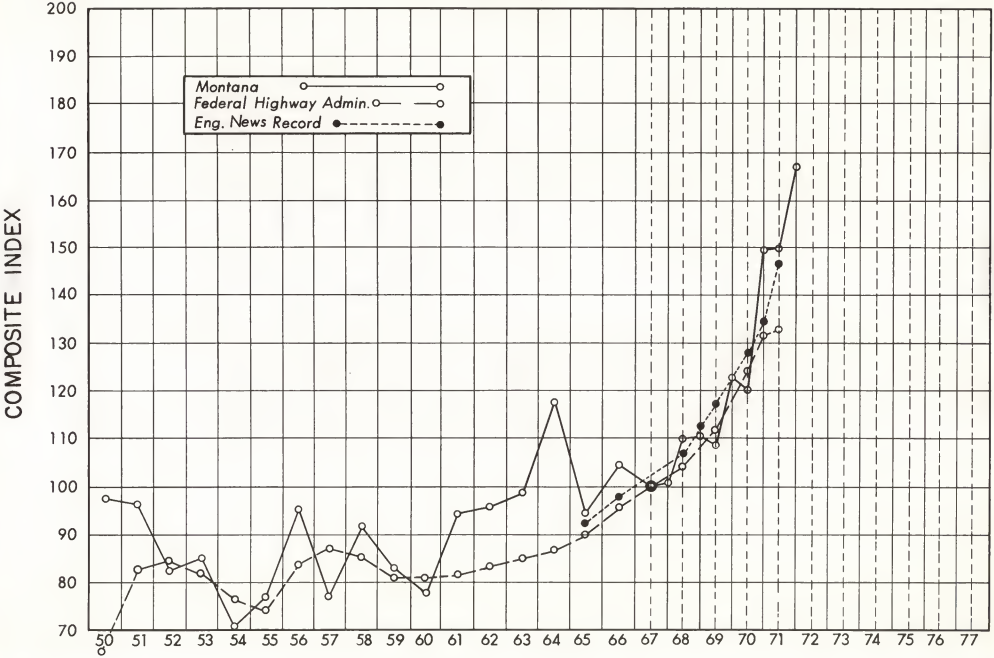
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5	62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8	49.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3	68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2	61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4	58.255	74.9	0.138	84.4	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3	51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0	59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2	52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2	66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6	65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0	62.196	80.0	0.149	93.1	*	-	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9	67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0	68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9	67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1	72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2	72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2	69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967																	
1-	0.363	107.7	0.696	89.5	4.169	97.3	4.250	100.0	99.1	71.849	92.4	0.159	99.4	21.400	95.6	94.4	100.7
2-	0.321	95.3	0.879	113.0	4.340	101.3	*	-	101.3	81.874	105.3	0.161	100.6	22.903	102.2	103.6	100.4
Aver.	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968																	
1-	0.413	122.5	0.967	124.3	4.030	94.1	*	-	94.1	79.373	102.1	0.152	95.0	21.016	93.8	98.9	110.6
2-	0.381	113.1	1.000	128.5	4.294	100.3	*	-	100.3	86.080	110.7	0.167	104.4	22.900	102.2	108.0	110.8
Aver.	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8	82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969																	
1-	0.419	124.3	0.699	89.8	3.663	85.5	4.558	107.2	93.7	77.551	99.8	0.151	94.4	24.908	111.1	99.5	109.9
2-	0.469	139.2	0.922	118.5	3.797	88.7	4.142	97.5	91.2	89.764	115.5	0.158	98.8	25.576	114.1	112.3	122.3
Aver.	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3	80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970																	
1-	0.415	123.1	0.787	101.2	4.029	94.1	*	-	94.1	96.410	124.0	0.170	106.3	27.901	124.5	120.3	119.2
2-	0.597	177.2	1.169	150.2	4.936	115.2			115.2	98.868	127.2	0.177	110.6	29.948	133.6	125.3	149.2
Aver.	0.508	150.7	0.906	116.5	4.315	100.7			100.7	98.067	125.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																	
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6	107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8	106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1	107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1967																	
Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

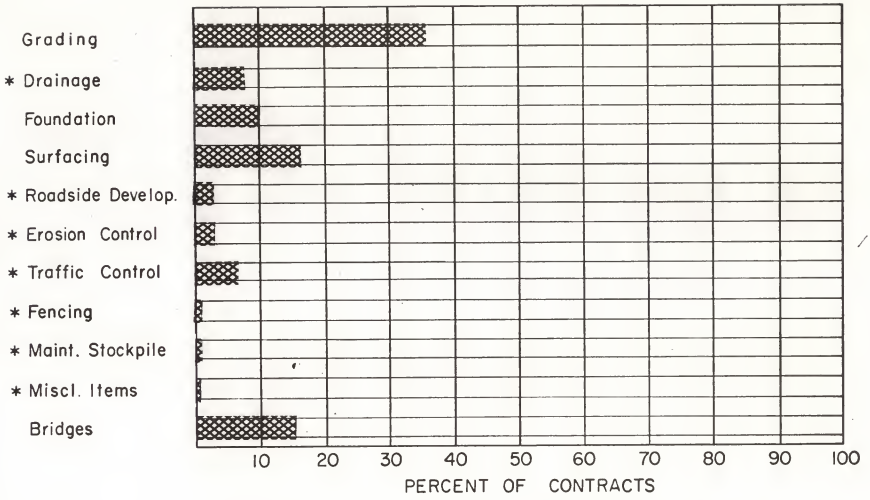
* Insufficient Sample --not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



SECOND HALF OF 1971



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JULY 1, 1971 — DEC. 31, 1971

* Not Included In Price Index.

SECOND HALF 1971

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS & AVERAGE NUMBER OF BIDDERS

PROJECT VOLUME	Under $50,000	$50,000 to 100,000	$100,000 to 250,000	$250,000 to 500,000	$500,000 to 1,000,000	Over $1,000,000	TOTAL ALL PROJECTS
No. of Projects	20	7	9	5	7	6	54
Total Contract Amount	$403,324.37	$628,569.50	$1,567,263.50	$2,184,077 51	$4,556,262.42	$18,039,281.63	$27,378,778.93
Average Contract Amount	$ 20,166.21	$ 89,795.56	$ 174,140.38	$ 436,815.50	$ 650,894.63	$ 3,006,546.93	$ 507,014.42
Number Bidders	64	20	49	32	37	41	243
Avg. Number Bidders Per Project	3.2	2.9	5.4	6.4	5.3	6.8	4.5

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

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STATE DOCUMENTS
AUG 14 1972

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

H. J. ANDERSON
DIRECTOR OF HIGHWAYS

IN REPLY REFER TO:

August 1, 1972

26-HJS

Gentlemen:

Enclosed is one copy of the Montana Department of Highway's Construction Cost Index for the first half of 1972.

This index for the period of January 1 to June 30, 1972 is computed at 133.0 compared to the base year of 1967. This is a decrease of 34.9 points or the equivalent of 20.8 per cent when compared to the previous six month period.

The previous six month period reflects the cost of several large projects on which unusually high bids were received on unclassified excavation, base course material and plant mix bituminous surfacing. Bids on these items were substantially lower during the first six months of 1972.

Very truly yours,

H.J. ANDERSON
Director of Highways

By Paul R. DeVine
Paul R. DeVine
Chief, Planning & Research Bureau

PRD/HJS/ch

GEORGE V. GOANOVICH, CHAIRMAN
HELENA

Wm. M. KESSNER, VICE CHAIRMAN
BLACK EAGLE

G. P. LOONEY
BUTTE

P. L. BACHELLER
BILLINGS

JAY L. [illegible]
SIDNEY

JOHN D. WHEELER, SECRETARY
HELENA

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

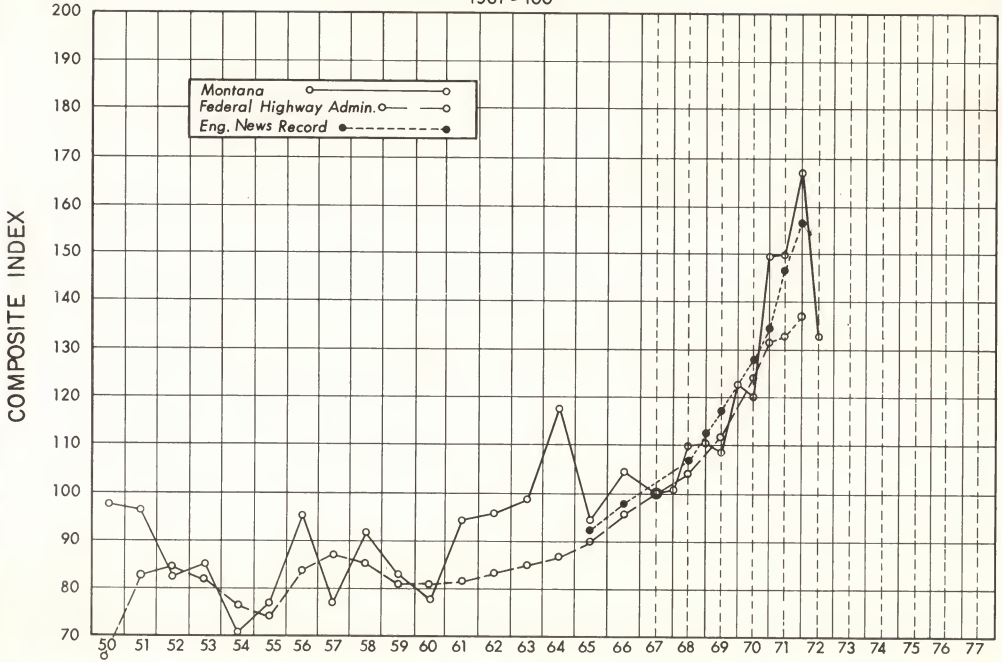
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5	62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8	49.970	64.3	0.169	105.6	*	-	72.3	96.9
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3	68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2	61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4	58.255	74.9	0.138	84.4	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3	51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0	59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2	52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2	66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6	65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0	62.196	80.0	0.149	93.1	*	-	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9	67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0	68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9	67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1	72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2	72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2	69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967																	
1-	0.363	107.7	0.696	89.5	4.169	97.3	4.250	100.0	99.1	71.849	92.4	0.159	99.4	21.400	95.6	94.4	100.2
2-	0.321	95.3	0.879	113.0	4.340	101.3	*	-	101.3	81.874	105.3	0.161	100.6	22.903	102.2	103.6	100.4
Aver.	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968																	
1-	0.413	122.5	0.967	124.3	4.030	94.1	*	-	94.1	79.373	102.1	0.152	95.0	21.016	93.8	98.9	110.6
2-	0.381	113.1	1.000	128.5	4.294	100.3	*	-	100.3	86.080	110.7	0.167	104.4	22.900	102.2	108.0	110.9
Aver.	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8	82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969																	
1-	0.419	124.3	0.699	89.8	3.663	85.5	4.558	107.2	93.7	77.551	99.8	0.151	94.4	24.908	111.1	99.5	109.9
2-	0.469	139.2	0.922	118.5	3.797	88.7	4.142	97.5	91.2	89.764	115.5	0.158	98.8	25.576	114.1	112.3	122.3
Aver.	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3	80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970																	
1-	0.415	123.1	0.787	101.2	4.029	94.1	*	-	94.1	96.410	124.0	0.170	106.3	27.901	124.5	120.3	119.2
2-	0.597	177.2	1.169	150.2	4.936	115.2			115.2	98.868	127.2	0.177	110.6	29.948	133.6	125.3	149.2
Aver.	0.508	150.7	0.906	116.5	4.315	100.7			100.7	98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																	
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6	107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8	106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1	107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1972																	
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3	107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

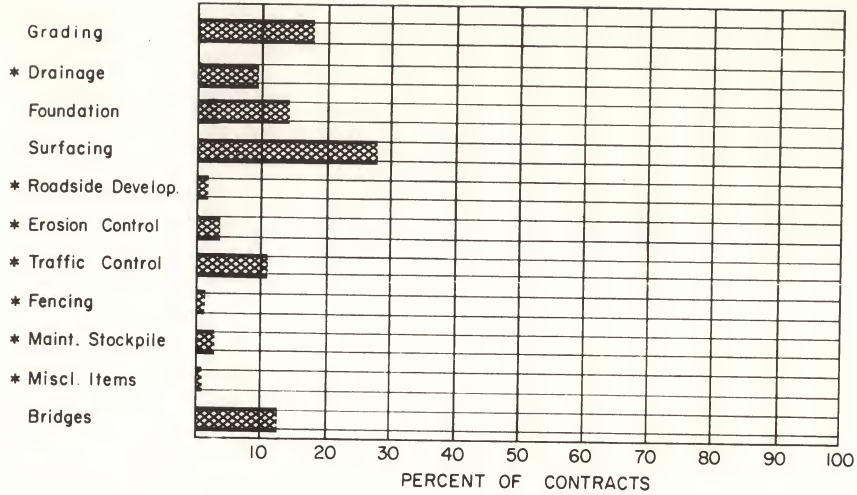
* Insufficient Sample --not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



FIRST HALF OF 1972



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JAN 1, 1972 – JUNE 30, 1972

* Not Included In Price Index.

FIRST HALF 1972

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS & AVERAGE NUMBER OF BIDDERS

PROJECT VOLUME	Under $50,000	$50,000 to 100,000	$100,000 to 250,000	$250,000 to 500,000	$500,000 to 1,000,000	Over $1,000,000	TOTAL ALL PROJECTS
No. of Projects	11	7	9	7	7	5	46
Total Contract Amount	$214,514.80	$492,942.52	$1,531,547.09	$2,327,054.74	$4,709,048.86	$12,995,048.26	$22,270,156.27
Average Contract Amount	$19,501.34	$70,420.36	$170,171.89	$332,436.39	$672,721.26	$2,599,009.65	$484,133.83
Number Bidders	33	24	35	43	32	33	200
Avg. Number Bidders Per Project	3.0	3.4	3.9	6.1	4.6	6.6	4.3

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

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STATE DOCUMENTS
MAR 7 1973

THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

H. J. ANDERSON
DIRECTOR OF HIGHWAYS

IN REPLY REFER TO:

February 27, 1973

26-HJS

Gentlemen:

Enclosed is one copy of the Montana Department of Highway's Construction Cost Index for the second half of 1972.

This index for the period of July 1 to December 30, 1972 is computed at 144.3 compared to the base year of 1967. This is an increase of 11.3 points or the equivalent of 8.5 per cent when compared to the previous six month period.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,

H. J. ANDERSON
Director of Highways

By Paul R. DeVine
Paul R. DeVine, Chief,
Planning & Research Bureau

PRD/HJS/ch
Enclosure

GEORGE VUCANOVICH, CHAIRMAN
HELENA

Wm. M. KESSNER, VICE CHAIRMAN
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JOHN D. WHEELER, SECRETARY
HELENA

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

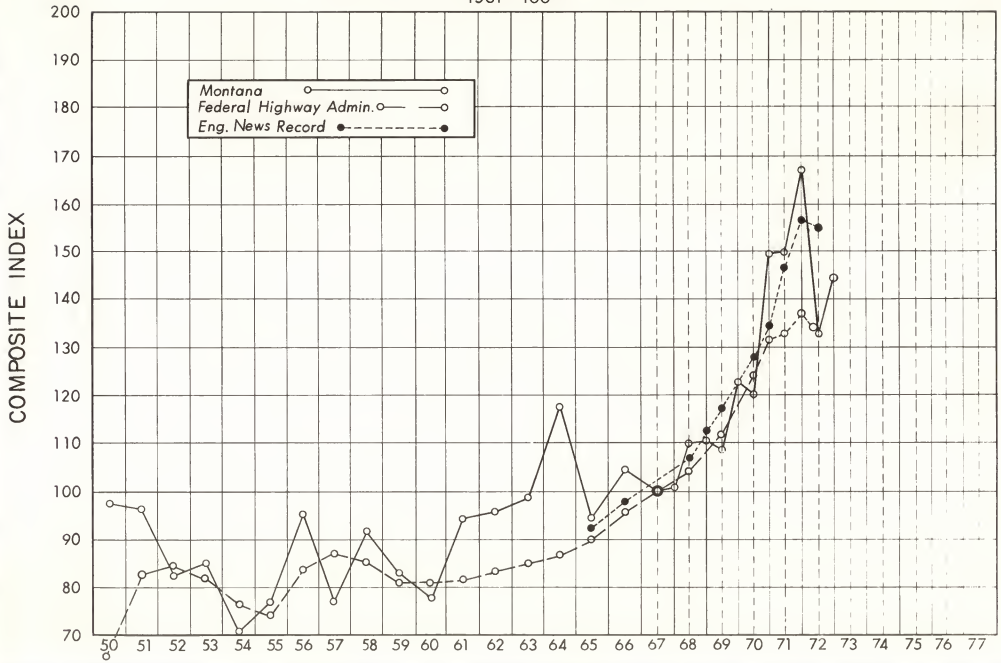
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5	62.510	80.4	0.146	91.3	*	-	82.0	97.6
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8	49.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3	68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2	61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4	58.255	74.9	0.138	84.4	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3	51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0	59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2	52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2	66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6	65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0	62.196	80.0	0.149	93.1	*	-	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9	67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0	68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9	67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1	72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2	72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2	69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967																	
1-	0.363	107.7	0.696	89.5	4.169	97.3	4.250	100.0	99.1	71.849	92.4	0.159	99.4	21.400	95.6	94.4	100.2
2-	0.321	95.3	0.879	113.0	4.340	101.3	*	-	101.3	81.874	105.3	0.161	100.6	22.903	102.2	103.6	100.4
Aver.	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968																	
1-	0.413	122.5	0.967	124.3	4.030	94.1	*	-	94.1	79.373	102.1	0.152	95.0	21.016	93.8	98.9	110.6
2-	0.381	113.1	1.000	128.5	4.294	100.3	*	-	100.3	86.080	110.7	0.167	104.4	22.900	102.2	108.0	110.9
Aver.	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8	82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969																	
1-	0.419	124.3	0.699	89.8	3.663	85.5	4.558	107.2	93.7	77.551	99.8	0.151	94.4	24.908	111.1	99.5	109.9
2-	0.469	139.2	0.922	118.5	3.797	88.7	4.142	97.5	91.2	89.764	115.5	0.158	98.8	25.576	114.1	112.3	122.3
Aver.	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3	80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970																	
1-	0.415	123.1	0.787	101.2	4.029	94.1	*	-	94.1	96.410	124.0	0.170	106.3	27.901	124.5	120.3	119.2
2-	0.597	177.2	1.169	150.2	4.936	115.2			115.2	98.868	127.2	0.177	110.6	29.948	133.6	125.3	149.2
Aver.	0.508	150.7	0.906	116.5	4.315	100.7			100.7	98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																	
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6	107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8	106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1	107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1972																	
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3	107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5	118.78	152.8	0.202	126.2	33.890	151.2	148.0	144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3	114.69	148.1	0.202	126.2	35.686	159.2	146.0	141.0
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

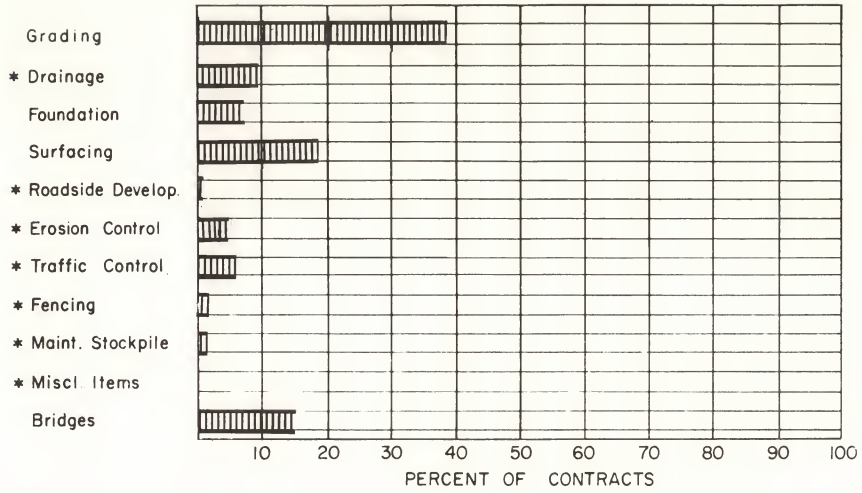
* Insufficient Sample --not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



SECOND HALF OF 1972



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JULY 1, 1972 - DECEMBER 31, 1972

* Not Included In Price Index.

SECOND HALF 1972

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS & AVERAGE NUMBER OF BIDDERS

PROJECT VOLUME	Under $50,000	$50,000 to 100,000	$100,000 to 250,000	$250,000 to 500,000	$500,000 to 1,000,000	Over $1,000,000	TOTAL ALL PROJECTS
No. of Projects	9	7	17	13	5	10	61
Total Contract Amount	$207,253.40	$528,171.19	$2,627,479.64	$4,755,044.79	$3,270,928.31	$21,630,282.34	$33,019,159.67
Average Contract Amount	$ 23,028.16	$ 75,453.03	$ 154,557.62	$ 365,772.66	$ 654,185.66	$ 2,163,028.23	$ 639,658.35
Number Bidders	35	35	68	79	37	79	333
Avg. Number Bidders Per Project	3.9	5.0	4.0	6.1	7.4	7.9	5.5

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

S
625.7
H3c
1973/1 1st half

THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

H. J. ANDERSON
DIRECTOR OF HIGHWAYS

IN REPLY REFER TO:

July 16, 1973

26-HJS

Gentlemen:

Enclosed is one copy of the Montana Department of Highway's Construction Cost Index for the first half of 1973.

This index for the period of January 1 to June 30, 1973 is computed at 145.8 compared to the base year of 1967. This is an increase of 1.5 points or the equivalent of 1.0 per cent when compared to the previous six month period.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,

H. J. ANDERSON
Director of Highways

By Paul R. DeVine
Paul R. DeVine, Chief,
Planning & Research Bureau

PRD/HJS/ch
Enclosure

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BILLINGS

JAY LA LONDE
SIDNEY

JOHN D. WHEELER, SECRETARY
HELENA

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

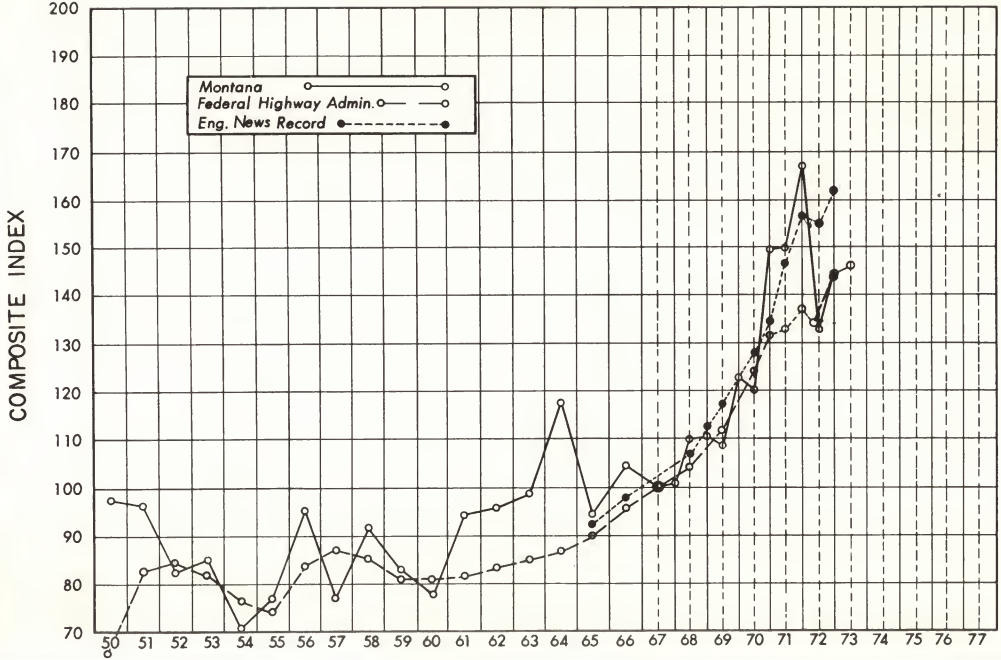
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5	62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8	49.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3	68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2	61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4	58.255	74.9	0.138	84.4	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3	51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0	59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2	52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2	66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6	65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0	62.196	80.0	0.149	93.1	*	-	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9	67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0	68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9	67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1	72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2	72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2	69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967																	
1-	0.363	107.7	0.696	89.5	4.169	97.3	4.250	100.0	99.1	71.849	92.4	0.159	99.4	21.400	95.6	94.4	100.2
2-	0.321	95.3	0.879	113.0	4.340	101.3	*	-	101.3	81.874	105.3	0.161	100.6	22.903	102.2	103.6	100.4
Aver.	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968																	
1-	0.413	122.5	0.967	124.3	4.030	94.1	*	-	94.1	79.373	102.1	0.152	95.0	21.016	93.8	98.9	110.6
2-	0.381	113.1	1.000	128.5	4.294	100.3	*	-	100.3	86.080	110.7	0.167	104.4	22.900	102.2	108.0	110.9
Aver.	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8	82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969																	
1-	0.419	124.3	0.699	89.8	3.663	85.5	4.558	107.2	93.7	77.551	99.8	0.151	94.4	24.908	111.1	99.5	109.9
2-	0.469	139.2	0.922	118.5	3.797	88.7	4.142	97.5	91.2	89.764	115.5	0.158	98.8	25.576	114.1	112.3	122.3
Aver.	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3	80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970																	
1-	0.415	123.1	0.787	101.2	4.029	94.1	*	-	94.1	96.410	124.0	0.170	106.3	27.901	124.5	120.3	119.2
2-	0.597	177.2	1.169	150.2	4.936	115.2			115.2	98.868	127.2	0.177	110.6	29.948	133.6	125.3	149.2
Aver.	0.508	150.7	0.906	116.5	4.315	100.7			100.7	98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																	
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6	107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8	106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1	107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1972																	
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3	107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5	118.78	152.8	0.202	126.2	33.890	151.2	148.0	144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3	114.69	148.1	0.202	126.2	35.686	159.2	146.0	141.0
1973																	
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8	119.53	153.8	0.217	135.6	36.711	163.8	151.4	145.8
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

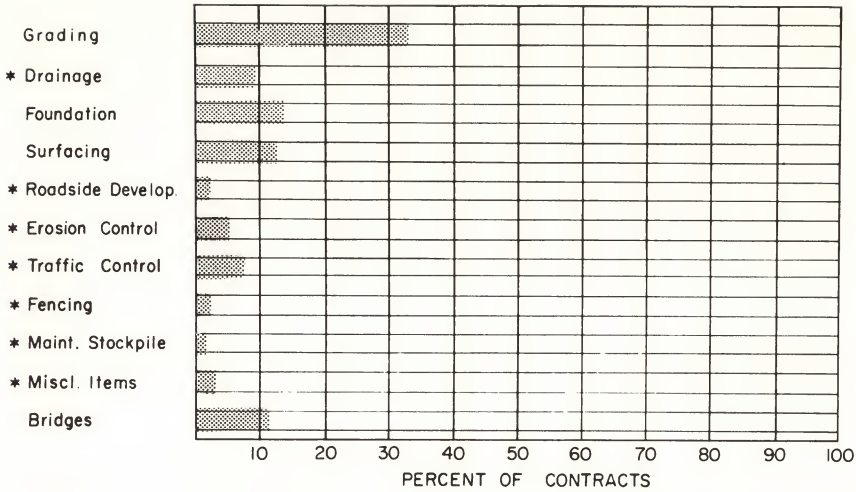
* Insufficient Sample --not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



FIRST HALF OF 1973



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JANUARY 1, 1973 - JUNE 30, 1973

* Not Included In Price Index.

FIRST HALF 1973

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS & AVERAGE NUMBER OF BIDDERS

PROJECT VOLUME	Under $50,000	$50,000 to 100,000	$100,000 to 250,000	$250,000 to 500,000	$500,000 to 1,000,000	Over $1,000,000	TOTAL ALL PROJECTS
No. of Projects	14	2	5	2	2	4	29
Total Contract Amount	$259,024.65	$177,786.42	$759,283.16	$727,329.41	$1,580,876.73	$6,446,341.11	$9,950,641.48
Average Contract Amount	$ 18,501.76	$ 88,893.21	$151,856.63	$363,664.71	$ 790,438.37	$1,611,585.28	$ 343,125.57
Number Bidders	65	9	24	9	5	27	139
Avg. Number Bidders Per Project	4.6	4.5	4.8	4.5	2.5	6.8	4.8

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

S
625.7
H3c
1973-2d half

STATE DOCUMENTS

THOMAS L. JUDGE
GOVERNOR

JAN 9 1974

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

H. J. ANDERSON
DIRECTOR OF HIGHWAYS

IN REPLY REFER TO

January 1, 1974

26-HJS

Gentlemen:

Enclosed is one copy of the Montana Department of Highway's Construction Cost Index for the second half of 1973.

This index for the period of July 1 to December 31, 1973 is computed at 141.3 compared to the base year of 1967. This is a decrease of 4.5 points or the equivalent of 3.1 per cent when compared to the previous six month period.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,

H.J. ANDERSON
Director of Highways

By Paul R. DeVine
Paul R. DeVine, Chief,
Planning & Research Bureau

PRD/HJS/ch
Enclosures

MONTANA STATE LIBRARY
930 East Lyndale Avenue
Helena, Montana 59601

GEORGE VUCANOVICH, CHAIRMAN
HELENA

WM. H. WESNER, VICE CHAIRMAN
BLACKFOOT

C. R. QUINNEY
BUTTE

P. L. BACHELLER
BILLINGS

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

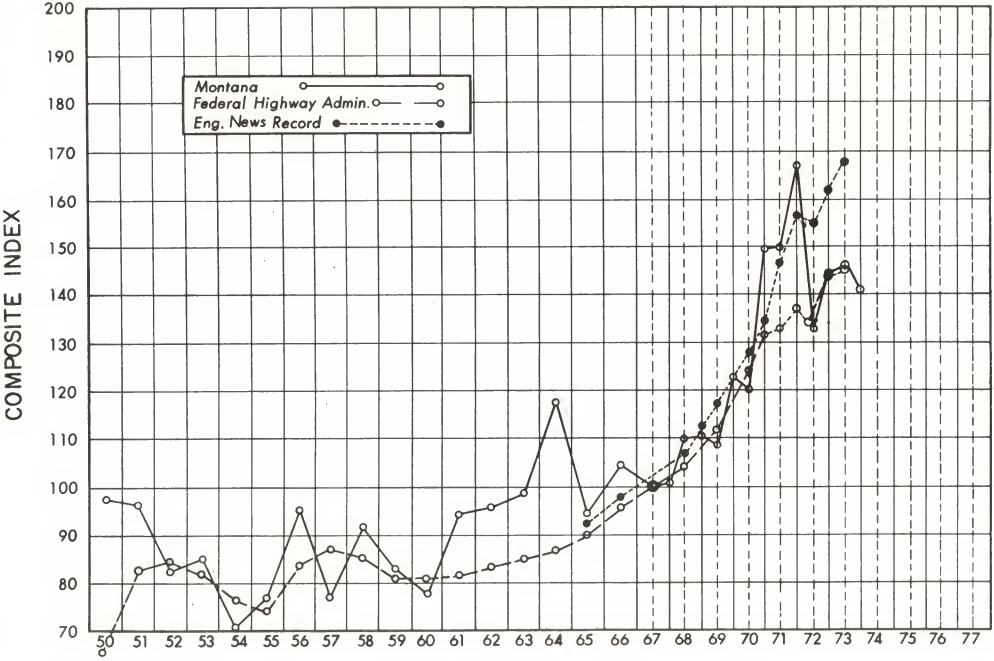
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)			STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)			
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	INDEX	
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5	62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8	49.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3	68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2	61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4	58.255	74.9	0.138	84.4	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3	51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0	59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2	52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2	66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6	65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0	62.196	80.0	0.149	93.1	*	-	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9	67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0	68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9	67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1	72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2	72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2	69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967																	
1-	0.363	107.7	0.696	89.5	4.169	97.3	4.250	100.0	99.1	71.849	92.4	0.159	99.4	21.400	95.6	94.4	100.2
2-	0.321	95.3	0.879	113.0	4.340	101.3	*	-	101.3	81.874	105.3	0.161	100.6	22.903	102.2	103.6	100.4
Aver.	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968																	
1-	0.413	122.5	0.967	124.3	4.030	94.1	*	-	94.1	79.373	102.1	0.152	95.0	21.016	93.8	98.9	110.6
2-	0.381	113.1	1.000	128.5	4.296	100.3	*	-	100.3	86.080	110.7	0.167	104.4	22.900	102.2	108.0	110.9
Aver.	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8	82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969																	
1-	0.419	124.3	0.699	89.8	3.663	85.5	4.558	107.2	93.7	77.551	99.8	0.151	94.4	24.908	111.1	99.5	109.9
2-	0.469	139.2	0.922	118.5	3.797	88.7	4.142	97.5	91.2	89.764	115.5	0.158	98.8	25.576	114.1	112.3	122.3
Aver.	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3	80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970																	
1-	0.415	123.1	0.787	101.2	4.029	94.1	*	-	94.1	96.410	124.0	0.170	106.3	27.901	124.5	120.3	119.2
2-	0.597	177.2	1.169	150.2	4.936	115.2			115.2	98.868	127.2	0.177	110.6	29.948	133.6	125.3	149.2
Aver.	0.508	150.7	0.906	116.5	4.315	100.7			100.7	98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																	
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6	107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8	106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1	107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1972																	
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3	107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5	118.78	152.8	0.202	126.2	33.890	151.2	148.0	144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3	114.69	148.1	0.202	126.2	35.686	159.2	146.0	141.0
1973																	
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8	119.53	153.8	0.217	135.6	36.711	163.8	151.4	145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2	129.02	165.9	0.237	148.1	42.845	191.1	167.7	141.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6	124.09	159.6	0.226	141.2	40.040	178.6	159.4	141.9
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

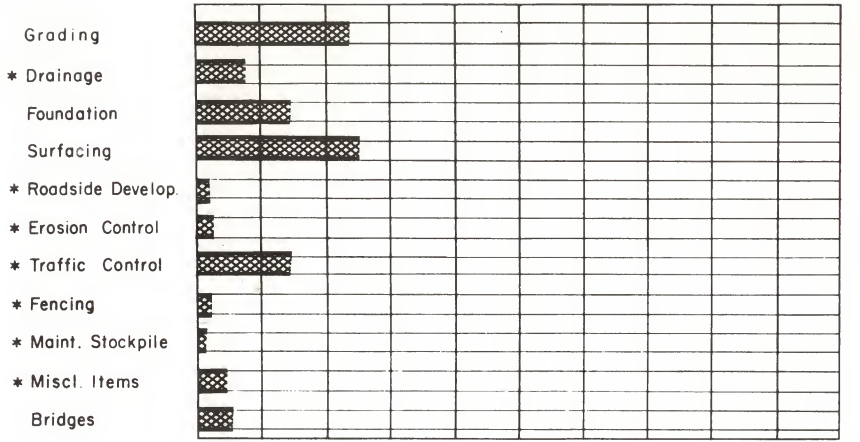
* Insufficient Sample --not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



SECOND HALF OF 1973



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JULY 1, 1973 – DECEMBER 31, 1973

* Not Included In Price Index.

SECOND HALF 1973

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS & AVERAGE NUMBER OF BIDDERS

PROJECT VOLUME	Under $50,000	$50,000 to 100,000	$100,000 to 250,000	$250,000 to 500,000	$500,000 to 1,000,000	Over $1,000,000	TOTAL ALL PROJECTS
No. of Projects	11	6	9	6	8	7	47
Total Contract Amount	$294,349.53	$449,673.41	$1,482,675.58	$2,279,429.01	$6,538,089.53	$12,390,364.56	$23,434,581.62
Average Contract Amount	$ 26,759.05	$ 74,945.57	$ 164,741.73	$ 379,904.84	$ 817,261.19	$ 1,770,052.08	$ 498,608.12
Number Bidders	40	30	39	37	49	56	251
Avg Number Bidders Per Project	3.6	5.0	4.3	6.2	6.1	8.0	5.3

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

S
625.7
H3c
1974-1st half

STATE DOCUMENTS

THOMAS L. JUDGE
GOVERNOR

AUG 8 1974

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

H. J. ANDERSON
DIRECTOR OF HIGHWAYS

July 26, 1974

IN REPLY REFER TO:

26: HJS

Gentlemen:

Enclosed is one copy of the Montana Department of Highway's Construction Cost Index for the first half of 1974.

This index for the period of January 1 to June 30, 1974 is computed at 138.7 compared to the base year of 1967. This is a decrease of 3.2 points or the equivalent of 1.9 per cent when compared to the previous six month period.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,

H. J. ANDERSON
Director of Highways

By Paul R. DeVine
Paul R. DeVine, Chief,
Planning & Research Bureau

PRD: HJS:ch
Enclosure

MONTANA STATE LIBRARY
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SIDNEY

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

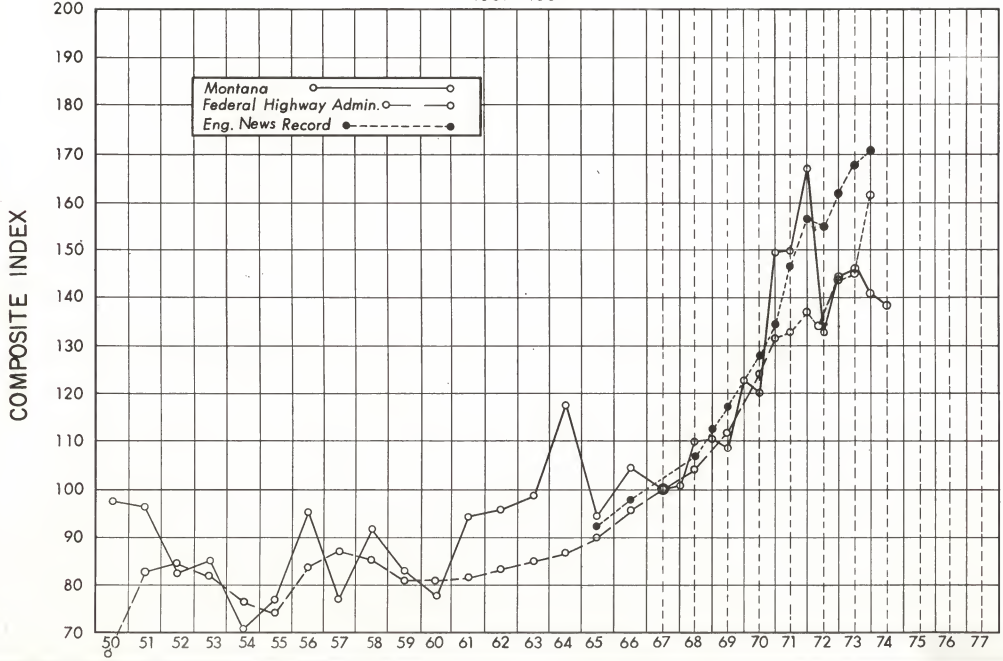
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5	62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8	49.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3	68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2	61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4	58.255	74.9	0.138	84.4	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3	51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0	59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2	52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2	66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6	65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0	62.196	80.0	0.149	93.1	*	-	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9	67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0	68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9	67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1	72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2	72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2	69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967																	
1-	0.363	107.7	0.696	89.5	4.169	97.3	4.250	100.0	99.1	71.849	92.4	0.159	99.4	21.400	95.6	94.4	100.2
2-	0.321	95.3	0.879	113.0	4.340	101.3	*	-	101.3	81.874	105.3	0.161	100.6	22.903	102.2	103.6	100.4
Aver.	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968																	
1-	0.413	122.5	0.967	124.3	4.030	94.1	*	-	94.1	79.373	102.1	0.152	95.0	21.016	93.8	98.9	110.6
2-	0.381	113.1	1.000	128.5	4.294	100.3	*	-	100.3	86.080	110.7	0.167	104.4	22.900	102.2	108.0	110.9
Aver.	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8	82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969																	
1-	0.419	124.3	0.699	89.8	3.663	85.5	4.558	107.2	93.7	77.551	99.8	0.151	94.4	24.908	111.1	99.5	109.9
2-	0.469	139.2	0.922	118.5	3.797	88.7	4.142	97.5	91.2	89.764	115.5	0.158	98.8	25.576	114.1	112.3	122.3
Aver.	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3	80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970																	
1-	0.415	123.1	0.787	101.2	4.029	94.1	*	-	94.1	96.410	124.0	0.170	106.3	27.901	124.5	120.3	119.2
2-	0.597	177.2	1.169	150.2	4.936	115.2			115.2	98.868	127.2	0.177	110.6	29.948	133.6	125.3	149.2
Aver.	0.508	150.7	0.906	116.5	4.315	100.7			100.7	98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																	
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6	107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8	106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1	107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1972																	
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3	107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5	118.78	152.8	0.202	126.2	33.890	151.2	148.0	144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3	114.69	148.1	0.202	126.2	35.686	159.2	146.0	141.0
1973																	
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8	119.53	153.8	0.217	135.6	36.711	163.8	151.4	145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2	129.02	165.9	0.237	148.1	42.845	191.1	167.7	141.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6	124.09	159.6	0.226	141.2	40.040	178.6	159.4	141.9
1974																	
1-	0.394	116.9	0.970	124.7	4.613	107.7			107.7	114.02	146.7	0.297	185.6	44.897	200.3	161.7	138.7
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

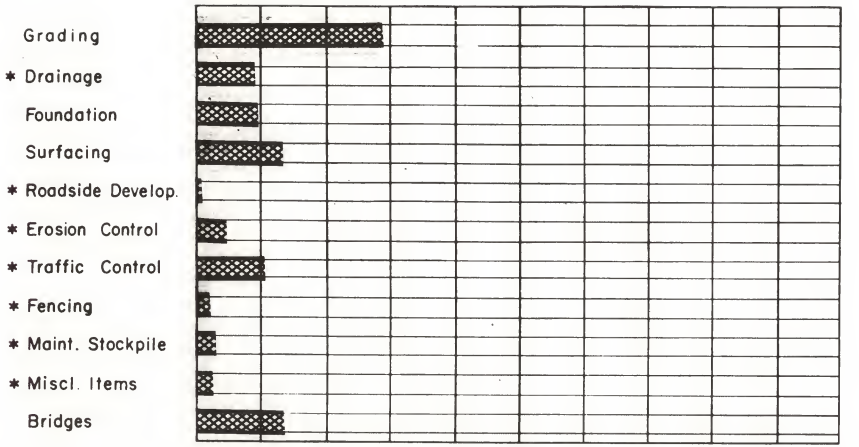
* Insufficient Sample --not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967= 100



FIRST HALF OF 1974



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JANUARY 1, 1974 - JUNE 30, 1974

* Not Included In Price Index.

FIRST HALF 1974

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS & AVERAGE NUMBER OF BIDDERS

PROJECT VOLUME	Under $50,000	$50,000 to 100,000	$100,000 to 250,000	$250,000 to 500,000	$500,000 to 1,000,000	Over $1,000,000	TOTAL ALL PROJECTS
No. of Projects	5	3	10	3	2	7	30
Total Contract Amount	$156,705.96	$227,330.10	$1,605,047.89	$1,046,414.57	$1,727,687.24	$13,714,169.60	$18,476,355.36
Average Contract Amount	$ 31,341.19	$ 75,776.70	$ 160,504.79	$ 348,804.86	$ 863,843.62	$ 195,916.66	$ 615,878.51
Number Bidders	23	12	44	12	11	53	155
Avg Number Bidders Per Project	4.6	4.0	4.4	4.0	5.5	7.6	5.2

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

S
625.7
H3C
1974/2nd half

STATE DOCUMENTS

THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

H. J. ANDERSON
DIRECTOR OF HIGHWAYS

January 15, 1975

IN REPLY REFER TO:

26: HJS

JAN 20 1975

Gentlemen:

Enclosed is one copy of the Montana Department of Highway's Construction Cost Index for the second half of 1974.

This index for the period of July 1 to December 31, 1974 is computed at 187.1 compared to the base year of 1967. This is an increase of 48.4 points or the equivalent of 34.9 percent when compared to the previous six month period.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,

H. J. ANDERSON
Director of Highways

By Paul R. DeVine
Paul R. DeVine, Chief,
Planning & Research Bureau

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930 East Lyndale Avenue
Helena, Montana 59601

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HELENA

Wm. M. KESSNER, VICE CHAIRMAN
BLACK EAGLE

G. R. COONEY
BUTTE

P. L. BACHELLER
BILLINGS

JAY LA LONDE
SIDNEY

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

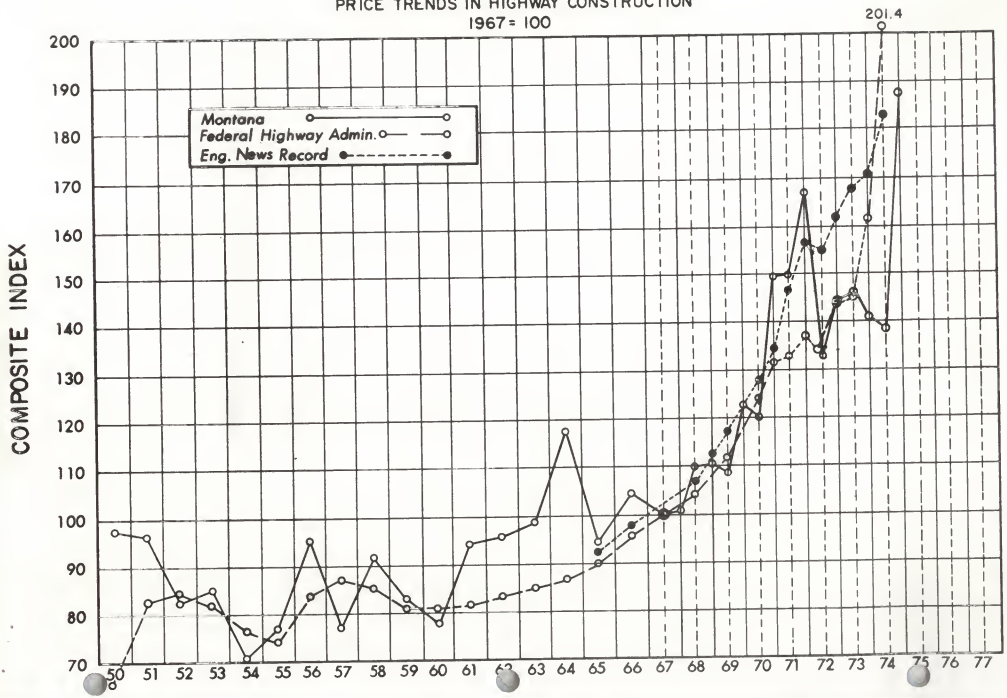
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5	62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8	49.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3	68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2	61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4	58.255	74.9	0.138	84.4	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3	51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0	59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2	52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2	66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6	65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0	62.196	80.0	0.149	93.1	*	-	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9	67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0	68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9	67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1	72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2	72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2	69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967																	
1-	0.363	107.7	0.696	89.5	4.169	97.3	4.250	100.0	99.1	71.849	92.4	0.159	99.4	21.400	95.6	94.4	100.2
2-	0.321	95.3	0.879	113.0	4.340	101.3	*	-	101.3	81.874	105.3	0.161	100.6	22.903	102.2	103.6	100.4
Aver.	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968																	
1-	0.413	122.5	0.967	124.3	4.030	94.1	*	-	94.1	79.373	102.1	0.152	95.0	21.016	93.8	98.9	110.6
2-	0.381	113.1	1.000	128.5	4.294	100.3	*	-	100.3	86.080	110.7	0.167	104.4	22.900	102.2	108.0	110.9
Aver.	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8	82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969																	
1-	0.419	124.3	0.699	89.8	3.663	85.5	4.558	107.2	93.7	77.551	99.8	0.151	94.4	24.908	111.1	99.5	109.9
2-	0.469	139.2	0.922	118.5	3.797	88.7	4.142	97.5	91.2	89.764	115.5	0.158	98.8	25.576	114.1	112.3	122.3
Aver.	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3	80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970																	
1-	0.415	123.1	0.787	101.2	4.029	94.1	*	-	94.1	96.410	124.0	0.170	106.3	27.901	124.5	120.3	119.2
2-	0.597	177.2	1.169	150.2	4.936	115.2			115.2	98.868	127.2	0.177	110.6	29.948	133.6	125.3	149.2
Aver.	0.508	150.7	0.906	116.5	4.315	100.7			100.7	98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																	
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6	107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8	106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1	107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1972																	
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3	107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5	118.78	152.8	0.202	126.2	33.890	151.2	148.0	144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3	114.69	148.1	0.202	126.2	35.686	159.2	146.0	141.0
1973																	
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8	119.53	153.8	0.217	135.6	36.711	163.8	151.4	145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2	120.02	165.9	0.237	148.1	42.845	191.1	167.7	141.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6	124.09	159.6	0.226	141.2	40.040	178.6	159.4	141.9
1974																	
1-	0.394	116.9	0.970	124.7	4.613	107.7	*	-	107.7	114.02	146.7	0.297	185.6	44.897	200.3	161.7	138.7
2-	0.713	211.6	0.756	97.2	4.393	102.6			102.6	120.57	155.1	0.349	218.1	52.294	233.3	205.9	187.1
Aver.	0.454	134.7	0.806	103.6	4.468	104.3			104.3	119.01	153.1	0.336	210.0	50.407	224.9	199.5	151.4
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

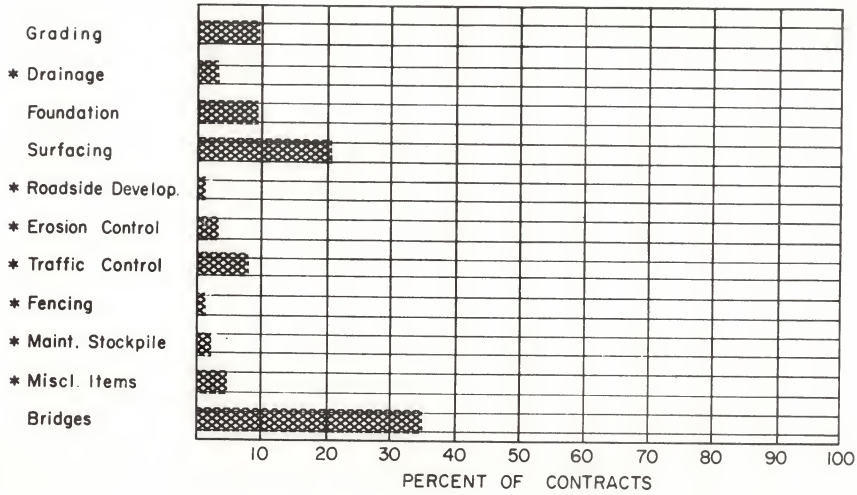
* Insufficient Sample -- not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



SECOND HALF OF 1974



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JULY 1, 1974 - DECEMBER 31, 1974

* Not Included In Price Index.

SECOND HALF 1974

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS & AVERAGE NUMBER OF BIDDERS

PROJECT VOLUME	Under $50,000	$50,000 to 100,000	$100,000 to 250,000	$250,000 to 500,000	$500,000 to 1,000.00	Over $1,000,000	TOTAL ALL PROJECTS
No. of Projects	12	7	10	5	6	9	49
Total Contract Amount	$358,747	$461,086	$1,249,264	$2,016,981	$4,661,437	$15,722,803	$24,470,318
Average Contract Amount	$ 29,896	$ 65,869	$ 124,926	$ 403,396	$ 776,906	$ 1,746,978	$ 499,394
Number Bidders	65	17	42	20	27	45	216
Avg Number Bidders Per Project	5.4	2.4	4.2	4.0	4.5	5.0	4.4

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

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STATE DOCUMENTS
SEP 2

THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

H. J ANDERSON
DIRECTOR OF HIGHWAYS

August 1, 1975

IN REPLY REFER TO:
0026:HJS

Gentlemen:

Enclosed is one copy of the Montana Department of Highway's Construction Cost Index for the first half of 1975.

This index for the period of January 1 to June 30, 1975 is computed at 187.5 compared to the base year of 1967. This is an increase of 0.4 points or the equivalent of 0.2 percent when compared to the previous six month period.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,

H.J. ANDERSON
Director of Highways

By James W. Nahn
Paul R. DeVine, Chief
Planning and Research Bureau

PRD:HJS:cv
Enclosure

GEORGE VUCANOVICH CHAIRMAN
HELENA

Wm M KESSNER VICE CHAIRMAN
BLACK EAGLE

G R COONEY
BUTTE

P. L. BACHELLER
BILLINGS

BAXTER LARSON
WOLF POINT

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

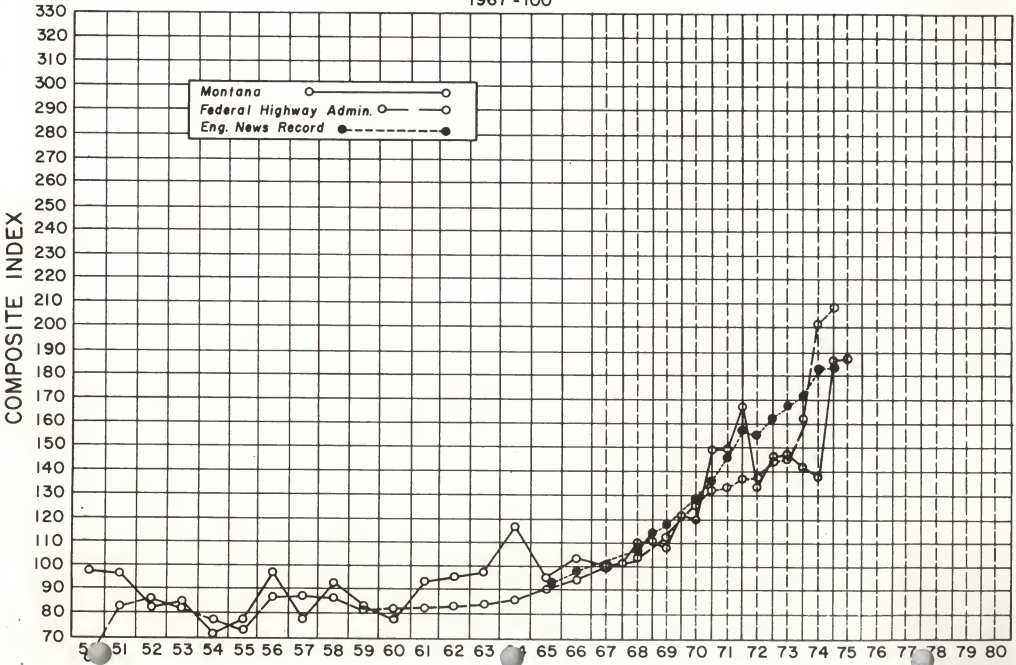
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)			STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)			
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	INDEX	
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5	62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8	49.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3	68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2	61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4	58.255	74.9	0.138	84.4	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3	51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0	59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2	52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2	66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6	65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0	62.196	80.0	0.149	93.1	*	-	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9	67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0	68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9	67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1	72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2	72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2	69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967																	
1-	0.363	107.7	0.696	89.5	4.169	97.3	4.250	100.0	99.1	71.849	92.4	0.159	99.4	21.400	95.6	94.4	100.2
2-	0.321	95.3	0.879	113.0	4.340	101.3	*	-	101.3	81.874	105.3	0.161	100.6	22.903	102.2	103.6	100.4
Aver.	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968																	
1-	0.413	122.5	0.967	124.3	4.030	94.1	*	-	94.1	79.373	102.1	0.152	95.0	21.016	93.8	98.9	110.6
2-	0.381	113.1	1.000	128.5	4.294	100.3	*	-	100.3	86.080	110.7	0.167	104.4	22.900	102.2	108.0	110.9
Aver.	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8	82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969																	
1-	0.419	124.3	0.699	89.8	3.663	85.5	4.558	107.2	93.7	77.551	99.8	0.151	94.4	24.908	111.1	99.5	109.9
2-	0.469	139.2	0.922	118.5	3.797	88.7	4.142	97.5	91.2	89.764	115.5	0.158	98.8	25.576	114.1	112.3	122.3
Aver.	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3	80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970																	
1-	0.415	123.1	0.787	101.2	4.029	94.1	*	-	94.1	96.410	124.0	0.170	106.3	27.901	124.5	120.3	119.2
2-	0.597	177.2	1.169	150.2	4.936	115.2			115.2	98.868	127.2	0.177	110.6	29.948	133.6	125.3	149.2
Aver.	0.508	150.7	0.906	116.5	4.315	100.7			100.7	98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																	
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6	107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8	106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1	107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1972																	
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3	107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5	118.78	152.8	0.202	126.2	33.890	151.2	148.0	144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3	114.69	148.1	0.202	126.2	35.686	159.2	146.0	141.0
1973																	
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8	119.53	153.8	0.217	135.6	36.711	163.8	151.4	145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2	120.02	165.9	0.237	148.1	42.845	191.1	167.7	141.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6	124.09	159.6	0.226	141.2	40.040	178.6	159.4	141.9
1974																	
1-	0.394	116.9	0.970	124.7	4.613	107.7	*	-	107.7	114.02	146.7	0.297	185.6	44.897	200.3	161.7	138.7
2-	0.713	211.6	0.756	97.2	4.393	102.6			102.6	120.57	155.1	0.349	218.1	52.294	233.3	178.5	187.1
Aver.	0.454	134.7	0.806	103.6	4.468	104.3			104.3	119.01	153.1	0.336	210.0	50.407	224.9	174.4	151.4
1975																	
1-	0.626	185.8	1.395	179.3	6.355	148.4	8.444	198.7	168.5	139.633	179.6	0.310	193.8	52.221	233.0	188.9	187.5
1967																	
Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

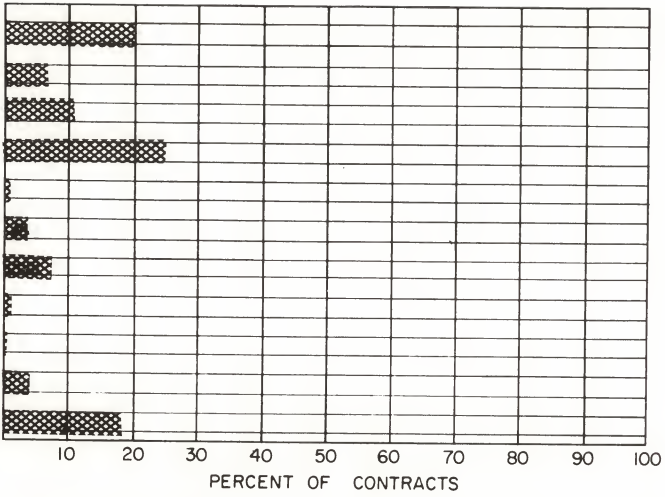
* Insufficient Sample -- not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



FIRST HALF OF 1975



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JANUARY 1, 1975 - JUNE 30, 1975

* Not Included In Price Index.

FIRST HALF 1975

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS & AVERAGE NUMBER OF BIDDERS

PROJECT VOLUME	Under $50,000	$50,000 to 100,000	$100,000 to 250,000	$250,000 to 500,000	$500,000 to 1,000,000	Over $1,000,000	TOTAL ALL PROJECTS
No. of Projects	4	3	7	10	9	21	54
Total Contract Amount	$71,864	$227,089	$1,201,792	$3,865,547	$5,831,015	$55,104,204	$66,301,511
Average Contract Amount	17,966	75,696	171,685	386,555	647,891	2,624,010	1,227,806
Number Bidders	11	16	24	48	43	105	247
Avg Number Bidders Per Project	2.8	5.3	3.4	4.8	4.8	5.0	4.6

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

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ATE DOCUMENTS FEB 3 1976

THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

H. J. ANDERSON
DIRECTOR OF HIGHWAYS

January 28, 1976

IN REPLY REFER TO

0026: HJS

Gentlemen:

Enclosed is one copy of the Montana Department of Highway's Construction Cost Index for the second half of 1975.

This index for the period of July 1 to December 31 is computed at 228.7 compared to the base year of 1967. This is an increase of 41.2 points or the equivalent of 21.9 percent when compared to the previous six month period. The 1975 average composite index of 194.7 indicates a 94.7% increase in construction costs over the 1967 base year.

The large increase in construction costs over the first half of 1975 can be primarily attributed to the bid price received for unclassified excavation on Bozeman Pass East on I-90. Nearly one and one half million cubic yards were let to contract for an average of $1.07 per cu. yd. compared to an average of $.63 per cu. yd. for this item during the previous six month period.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,
H.J. ANDERSON
Director of Highways

By Paul R. DeVine
Paul R. DeVine, Chief,
Planning & Research Bureau

PRD:HJS:ch
Enclosure

MONTANA 76

GEORGE VUCANOVICH CHAIRMAN
HELENA

Wm M. KESSNER VICE CHAIRMAN
BLACK EAGLE

G. R. COONEY
BUTTE

P. L. BACHELLER
BILLINGS

BAXTER LARSON
WOLF POINT

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

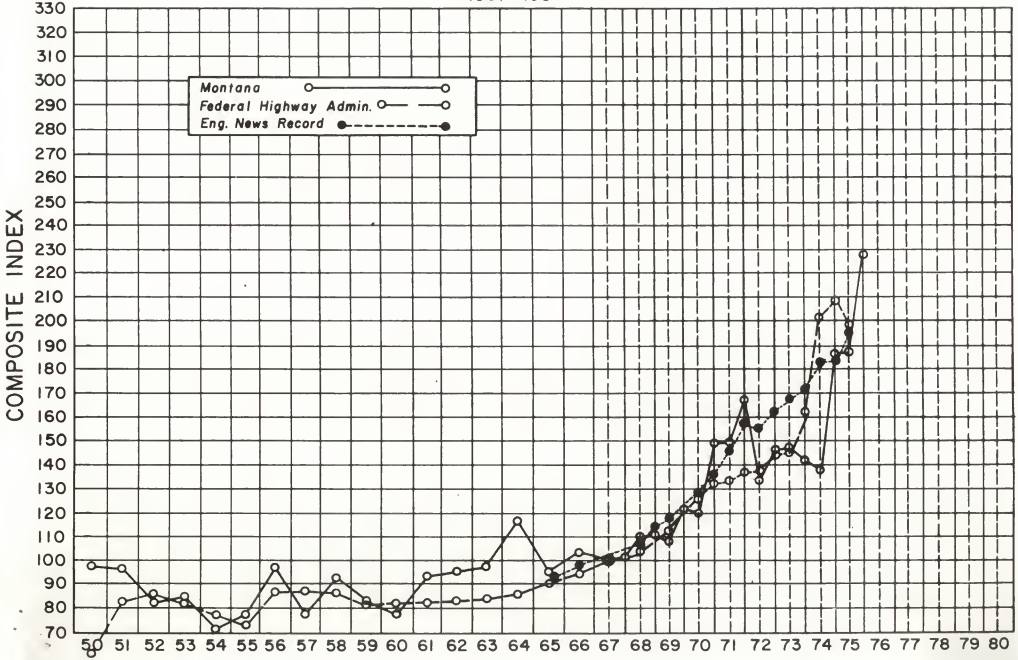
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING						STRUCTURES								COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX		STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX		
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX			BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX			
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5		62.510	80.4	0.146	91.3	*	-	82.0		97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8		49.970	64.3	0.169	105.6	*	-	72.3		96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3		68.070	87.6	0.167	104.4	*	-	91.3		81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2		61.940	79.7	0.158	98.8	*	-	83.6		84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4		58.255	74.9	0.138	86.4	*	-	77.1		69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3		51.721	66.5	0.151	94.4	*	-	72.0		77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0		59.345	76.3	0.174	108.8	*	-	82.1		95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2		52.969	68.1	0.149	93.1	*	-	71.7		77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2		66.971	86.1	0.154	96.3	*	-	88.5		91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6		65.214	83.9	0.149	93.1	*	-	86.0		84.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0		62.196	80.0	0.149	93.1	*	-	82.9		76.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9		67.954	87.4	0.151	94.4	23.281	103.9	93.2		94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0		68.409	88.0	0.139	86.9	20.383	90.9	88.7		96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9		67.807	87.2	0.142	88.8	21.612	96.4	90.2		99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1		72.179	92.8	0.144	90.0	22.364	99.8	94.5		118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2		72.972	93.9	0.149	93.1	23.150	103.3	96.2		94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2		69.836	89.8	0.152	95.0	24.158	107.8	93.5		104.1
1967	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0		77.742	100.0	0.160	100.0	22.416	100.0	100.0		100.0
1968	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8		82.565	106.2	0.158	98.8	21.869	97.6	103.1		110.1
1969	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3		80.668	103.8	0.153	95.6	25.219	112.5	102.9		115.7
1970	0.508	150.7	0.906	116.5	4.315	100.7			100.7		98.067	126.1	0.174	108.7	29.199	131.2	123.6		134.1
1971																			
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6		107.12	137.8	0.180	112.5	30.632	136.6	131.9		149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8		106.91	137.5	0.176	110.0	29.855	133.2	131.1		167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1		107.02	137.7	0.178	111.2	30.454	135.9	131.5		157.2
1972																			
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3		107.17	137.9	0.200	125.0	36.745	163.9	142.1		133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5		118.78	152.8	0.202	126.2	33.890	151.2	146.0		144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3		114.69	148.1	0.202	126.2	35.686	159.2	146.0		141.0
1973																			
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8		119.53	153.8	0.217	135.6	36.711	163.8	151.4		145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2		120.02	165.9	0.237	148.1	42.845	191.1	167.7		141.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6		124.09	159.6	0.226	141.2	40.040	178.6	159.4		141.9
1974																			
1-	0.394	116.9	0.970	124.7	4.613	107.7	*	-	107.7		114.02	146.7	0.297	185.6	44.897	200.3	161.7		138.7
2-	0.713	211.6	0.756	97.2	4.393	102.6			102.6		120.57	155.1	0.349	218.1	52.294	233.3	178.5		187.1
Aver.	0.434	134.7	0.806	103.6	4.468	104.3			104.3		119.01	153.1	0.336	210.0	50.407	224.9	174.4		151.4
1975																			
1-	0.626	185.8	1.395	179.3	6.355	148.4	8.444	198.7	168.5		139.633	179.6	0.310	193.8	52.221	233.0	188.9		187.5
2-	0.863	256.1	1.763	226.6	5.600	130.7			130.7		160.384	206.3	0.328	205.0	53.718	239.6	210.7		228.7
Aver.	0.677	200.9	1.471	189.1	6.245	145.8	8.444	198.7	165.2		144.117	185.4	0.314	196.3	52.644	234.9	193.9		194.7
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0		77.742	100.0	0.160	100.0	22.416	100.0	100.0		100.0

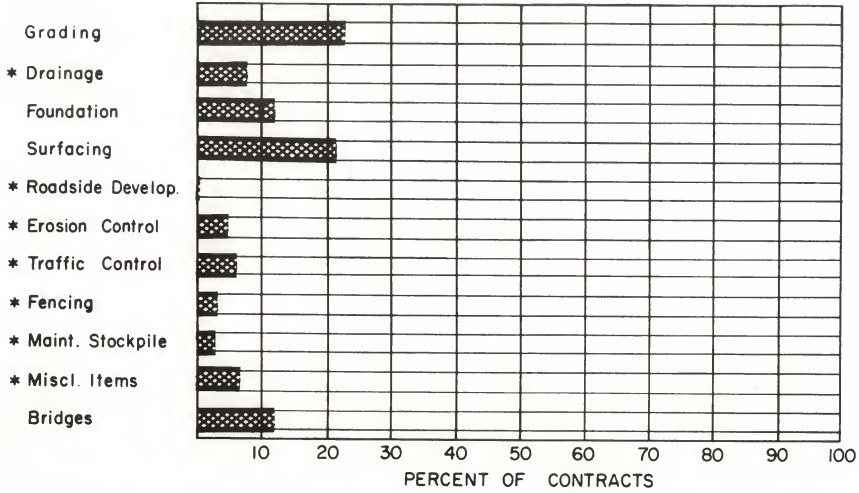
* Insufficient Sample--not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



SECOND HALF OF 1975



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS
JULY 1, 1975 — DECEMBER 31, 1975

* Not Included In Price Index.

SECOND HALF 1975

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	11	4	6	2	1	8	32
Total Contract Amount	$214,415	$306,016	$952,138	$766,849	$ 860,118	$20,712,224	$23,811,760
Average Contract Amount	$19,492	$ 76,504	$158,690	$383,425	$ 860,118	$ 2,589,028	$ 744,118
Number Bidders	40	11	23	5	4	55	138
Average Number Bidders Per Project	3.6	2.8	3.8	2.5	4.0	6.9	4.3

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

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THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

H. J ANDERSON
DIRECTOR OF HIGHWAYS

August 2, 1976

IN REPLY REFER TO:

0026: HJS

Gentlemen:

Enclosed is one copy of the Montana Department of Highway's Construction Cost Index for the first half of 1976.

This index for the period of January 1 to June 30, 1976 is computed at 241.6 compared to the base year of 1967. This is an increase of 12.9 points or the equivalent of 5.64 percent when compared to the previous six month period.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,
H. J. ANDERSON
Director of Highways

By Paul R. DeVine
Paul R. DeVine, Chief,
Planning & Research Bureau

PRD:HJS:cjh
Enclosure

GEORGE VUCANOVICH CHAIRMAN
HELENA

WM. M. KESSNER VICE CHAIRMAN
BLACK EAGLE

G. R. COONEY
BUTTE

P. L. BACHELLER
BILLINGS

BAXTER LARSON
WOLF POINT

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

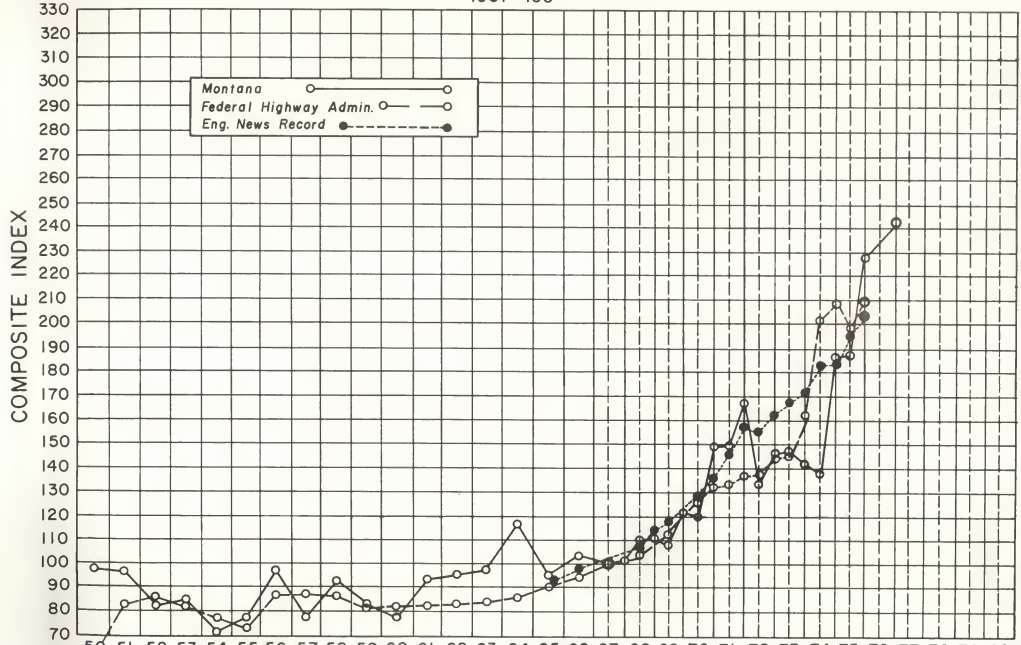
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5	62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8	49.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3	68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2	61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4	58.255	74.9	0.138	84.4	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3	51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0	59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2	52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2	66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6	65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0	62.196	80.0	0.149	93.1	*	-	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9	67.956	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0	68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9	67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1	72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2	72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2	69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8	82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3	80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970	0.508	150.7	0.906	116.5	4.315	100.7			100.7	98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																	
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6	107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8	106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1	107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1972																	
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3	107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5	118.78	152.8	0.202	126.2	33.890	151.2	148.0	144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3	114.69	148.1	0.202	126.2	35.686	159.2	146.0	141.0
1973																	
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8	119.53	153.8	0.217	135.6	36.711	163.8	151.4	145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2	120.02	165.9	0.237	148.1	42.845	191.1	167.7	141.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6	124.09	159.6	0.226	141.2	40.040	178.6	159.4	141.9
1974																	
1-	0.394	116.9	0.970	124.7	4.613	107.7	*	-	107.7	114.02	146.7	0.297	185.6	44.897	200.3	161.7	138.7
2-	0.713	211.6	0.756	97.2	4.393	102.6			102.6	120.57	155.1	0.349	218.1	52.294	233.3	178.5	187.1
Aver.	0.434	134.7	0.806	103.6	4.468	104.3			104.3	119.01	153.1	0.336	210.0	50.407	224.9	174.4	151.4
1975																	
1-	0.626	185.8	1.395	179.3	6.355	148.4	8.444	198.7	168.5	139.633	179.6	0.310	193.8	52.221	233.0	188.9	187.5
2-	0.863	256.1	1.763	226.6	5.600	130.7			130.7	160.384	206.3	0.328	205.0	53.718	239.6	210.7	228.7
Aver.	0.677	200.9	1.471	189.1	6.245	145.8	8.444	198.7	165.2	144.117	185.4	0.314	196.3	52.644	234.9	193.9	194.7
1976																	
1-	0.884	262.3	1.931	248.2	7.281	169.9	*	-	169.9	173.339	223.0	0.307	191.9	62.213	277.5	224.3	241.6
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

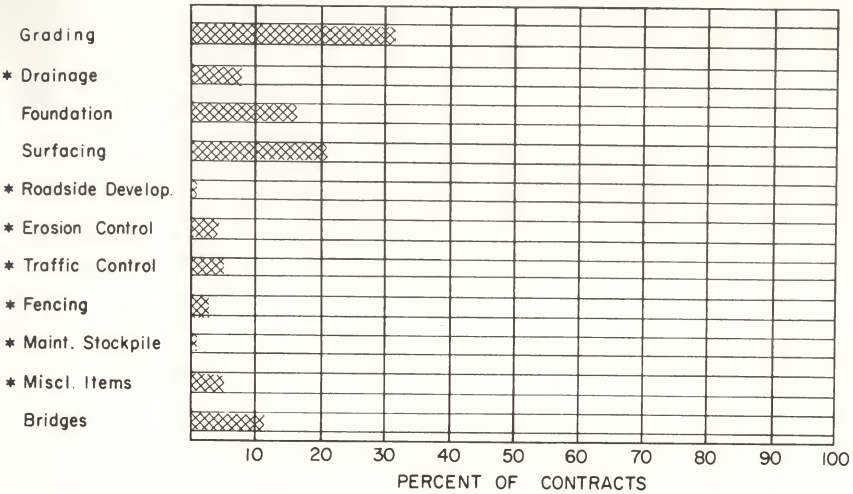
* Insufficient Sample--not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



FIRST HALF OF 1976



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS
JANUARY 1, 1976 — JUNE 30, 1976

* Not Included In Price Index.

FIRST HALF 1976

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	9	1	2	6	5	22	45
Total Contract Amount	$252,483	$ 64,638	$226,690	$2,118,833	$3,767,358	$62,182,862	$68,612,864
Average Contract Amount	$ 28,054	$ 64,638	$113,345	$ 353,139	$ 753,472	$ 2,826,493	$1,524,730
Number Bidders	34	2	4	30	24	119	213
Average Number Bidders Per Project	3.7	2.0	2.0	5.0	4.8	5.4	4.7

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

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Cop 2

FEB 2 '77

THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

H. J. ANDERSON
DIRECTOR OF HIGHWAYS

January 27, 1977

IN REPLY REFER TO:

26: HJS

STATE ... ENTS

Gentlemen:

Enclosed is one copy of the Montana Department of Highway's Construction Cost Index for the second half of 1976.

This index for the period of July 1 to December 31, 1976 is computed at 244.2 compared to the base year of 1967. This is an increase of 2.6 points or the equivalent of 1.08 percent when compared to the previous six month period.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,
H. J. ANDERSON
Director of Highways

By Paul R. DeVine
Paul R. DeVine, Chief,
Planning & Research Bureau

PRD:HJS:cjh
Enclosure

GEORGE VUCANOVICH CHAIRMAN
HELENA

Wm M KESSNER VICE CHAIRMAN
BLACK EAGLE

JOHN S COTE
BUTTE

P L BACHELLER
BILLINGS

BAXTER LARSON
WOLF POINT

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

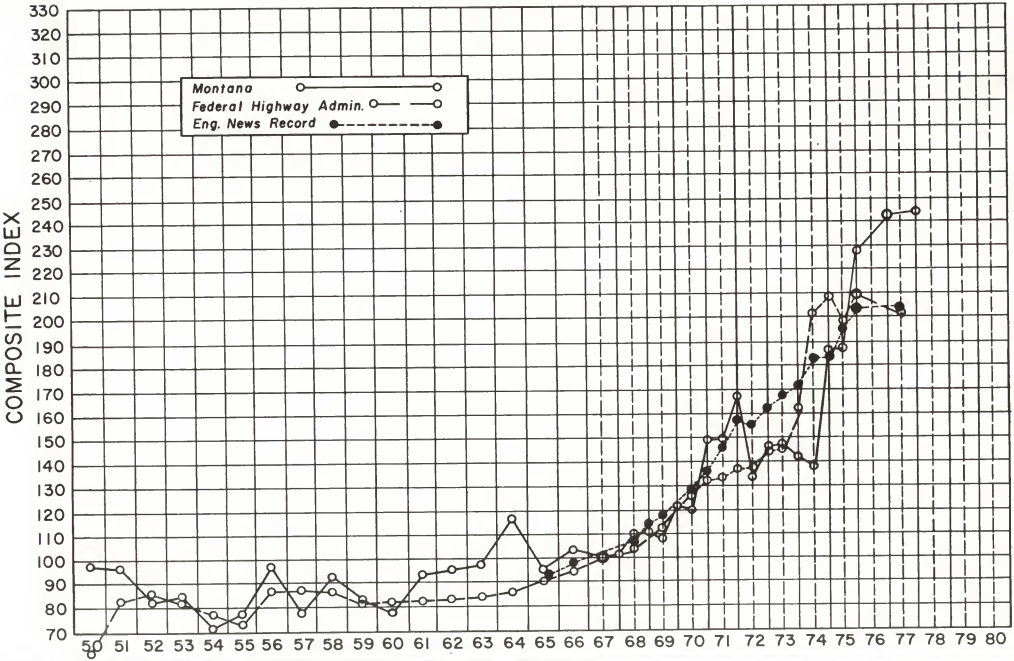
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING						STRUCTURES						COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX		STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX			BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5		62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8		49.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3		68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2		61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4		58.255	74.9	0.138	84.4	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3		51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0		59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2		52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2		66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6		65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0		62.196	80.0	0.149	93.1	*	-	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9		67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0		68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9		67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1		72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2		72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2		69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0		77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8		82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3		80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970	0.508	150.7	0.906	116.5	4.315	100.7			100.7		98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																		
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6		107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8		106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1		107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1972																		
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3		107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5		118.78	152.8	0.202	126.2	33.890	151.2	148.0	144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3		114.69	148.1	0.202	126.2	35.686	159.2	146.0	141.0
1973																		
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8		119.53	153.8	0.217	135.6	36.711	163.8	151.4	145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2		120.02	165.9	0.237	148.1	42.845	191.1	167.7	141.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6		124.09	159.6	0.226	141.2	40.040	178.6	159.4	141.9
1974																		
1-	0.394	116.9	0.970	124.7	4.613	107.7	*	-	107.7		114.02	146.7	0.297	185.6	44.897	200.3	161.7	138.7
2-	0.713	211.6	0.756	97.2	4.393	102.6			102.6		120.57	155.1	0.349	218.1	52.294	233.3	178.5	187.1
Aver.	0.434	134.7	0.806	103.6	4.468	104.3			104.3		119.01	153.1	0.336	210.0	50.407	224.9	174.4	151.4
1975																		
1-	0.626	185.8	1.395	179.3	6.355	148.4	8.444	198.7	168.5		139.633	179.6	0.310	193.8	52.221	233.0	188.9	187.5
2-	0.863	256.1	1.763	226.6	5.600	130.7			130.7		160.384	206.3	0.328	205.0	53.718	239.6	210.7	228.7
Aver.	0.677	200.9	1.471	189.1	6.245	145.8	8.444	198.7	165.2		144.117	185.4	0.314	196.3	52.644	234.9	193.9	194.7
1976																		
1-	0.884	262.3	1.931	248.2	7.281	169.9	*	-	169.9		173.339	223.0	0.307	191.9	62.213	277.5	224.3	241.6
2-	0.888	263.5	1.500	192.8	7.281	170.0	*	-	170.0		196.423	252.7	0.319	199.4	54.629	243.7	239.5	244.2
Aver.	0.886	262.9	1.740	223.6	7.281	170.0			170.0		177.243	228.0	0.310	193.7	60.122	268.2	226.9	242.0
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0		77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

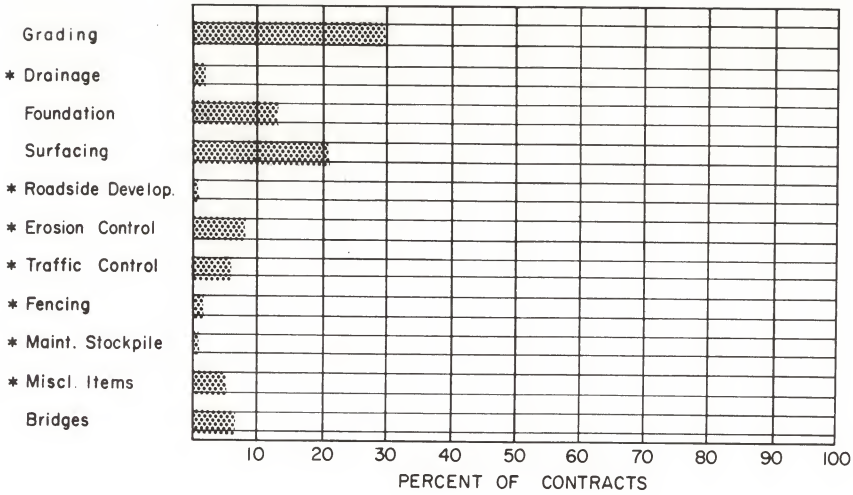
* Insufficient Sample--not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



SECOND HALF OF 1976



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JULY 1, 1976 - DECEMBER 1, 1976

* Not Included In Price Index.

SECOND HALF 1976

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	3	3	5	2	1	12	26
Total Contract Amount	$72,163	$229,367	$772,526	$622,304	$741,639	$23,013,325	$25,451,324
Average Contract Amount	$24,054	$76,456	$154,505	$311,152	$741.639	$ 1,917,777	$ 978,897
Number Bidders	13	13	14	11	3	69	123
Average Number Bidders PER Project	4.3	4.3	2.8	5.5	3.0	5.8	4.7

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

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STATE DOCUMENTS

THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

H. J. ANDERSON
DIRECTOR OF HIGHWAYS

July 28, 1977

AUG 1 '77

IN REPLY REFER TO:
0026:JSE

Gentlemen:

Enclosed is one copy of the Montana Department of Highway's Construction Cost Index for the first half of 1977.

This index for the period of January 1 to June 30, 1977 is computed at 199.4 compared to the base year of 1967. This is a decrease of 44.8 points or the equivalent of 18.5 percent when compared to the previous six month period.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,

H.J. ANDERSON
Director of Highways

By James W Hahn
James W. Hahn, Chief
Planning and Research Bureau

JWH:JSE:cv
Enclosure

GEORGE VUCANOVICH CHAIRMAN
HELENA

Wm M. KESSNER VICE CHAIRMAN
BLACK EAGLE

JOHN S. COTE
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BILLINGS

BAXTER LARSON
WOLF POINT

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

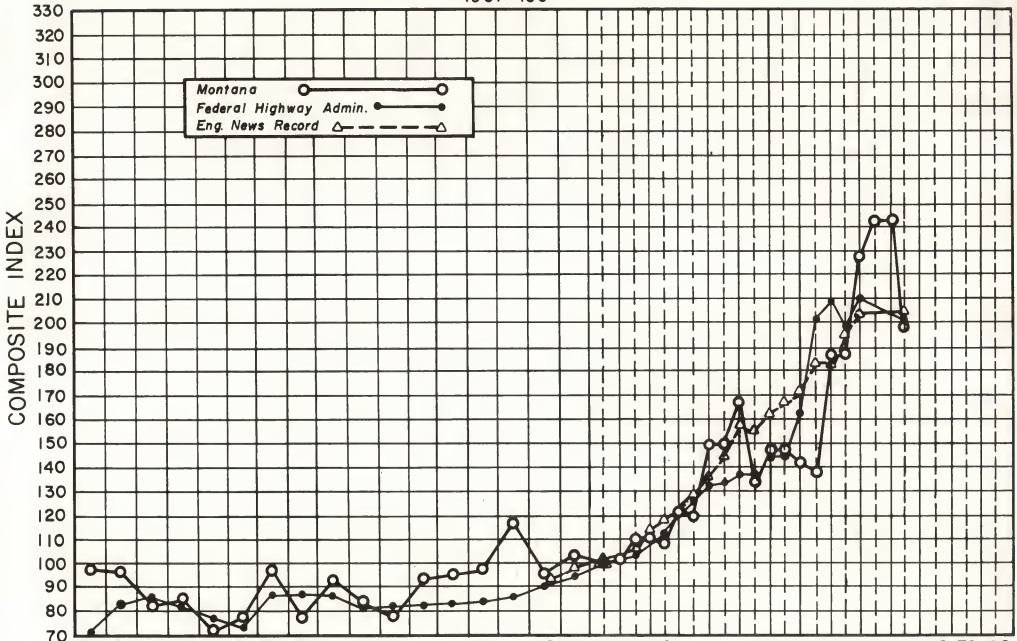
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING						STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX		STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX			BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-		112.5	62.510	80.4	0.146	91.3	*	-		82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-		115.8	49.970	64.3	0.169	105.6	*	-		72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-		108.3	68.070	87.6	0.167	104.4	*	-		91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-		72.2	61.940	79.7	0.158	98.8	*	-		83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-		60.4	58.255	74.9	0.138	84.4	*	-		77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-		65.3	51.721	66.5	0.151	94.4	*	-		72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-		93.0	59.345	76.3	0.174	108.8	*	-		82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-		87.2	52.969	68.1	0.149	93.1	*	-		73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-		77.2	66.971	86.1	0.154	96.3	*	-		88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-		72.6	65.214	83.9	0.149	93.1	*	-		86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-		67.0	62.196	80.0	0.149	93.1	*	-		82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6		80.9	67.954	87.4	0.151	94.4	23.281	103.9		93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4		96.0	68.409	88.0	0.139	86.9	20.383	90.9		88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5		87.9	67.807	87.2	0.142	88.8	21.612	96.4		90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3		88.1	72.179	92.8	0.144	90.0	22.364	99.8		94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6		86.2	72.972	93.9	0.149	93.1	23.150	103.3		96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-		93.2	69.836	89.8	0.152	95.0	24.158	107.8		93.5	104.1
1967	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0		100.0	77.742	100.0	0.160	100.0	22.416	100.0		100.0	100.0
1968	0.395	117.2	0.967	124.3	4.068	94.8	*	-		94.8	82.565	106.2	0.158	98.8	21.869	97.6		103.1	110.1
1969	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6		91.3	80.668	103.8	0.153	95.6	25.219	112.5		102.9	115.7
1970	0.508	150.7	0.906	116.5	4.315	100.7				100.7	98.067	126.1	0.174	108.7	29.399	131.2		123.6	134.1
1971																			
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-		113.6	107.12	137.8	0.180	112.5	30.632	136.6		131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8				115.8	106.91	137.5	0.176	110.0	29.855	133.2		131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1				114.1	107.02	137.7	0.178	111.2	30.454	135.9		131.5	157.2
1972																			
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-		89.3	107.17	137.9	0.200	125.0	36.745	163.9		142.1	133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5				105.5	118.78	152.8	0.202	126.2	33.890	151.2		148.0	144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3				95.3	114.69	148.1	0.202	126.2	35.686	159.2		146.0	141.0
1973																			
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-		137.8	119.53	153.8	0.217	135.6	36.711	163.8		151.4	145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2				90.2	120.02	165.9	0.237	148.1	42.845	191.1		167.7	141.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6				98.6	124.09	159.6	0.226	141.2	40.040	178.6		159.4	141.9
1974																			
1-	0.394	116.9	0.970	124.7	4.613	107.7	*	-		107.7	114.02	146.7	0.297	185.6	44.897	200.3		161.7	138.7
2-	0.713	211.6	0.756	97.2	4.393	102.6				102.6	120.57	155.1	0.349	218.1	52.294	233.3		178.5	187.1
Aver.	0.434	134.7	0.806	103.6	4.468	104.3				104.3	119.01	153.1	0.336	210.0	50.407	224.9		174.4	151.4
1975																			
1-	0.626	185.8	1.395	179.3	6.355	148.4	8.444	198.7		168.5	139.633	179.6	0.310	193.8	52.221	233.0		188.9	187.5
2-	0.863	256.1	1.763	226.6	5.600	130.7				130.7	160.384	206.3	0.320	205.0	53.718	239.6		210.7	228.7
Aver.	0.677	200.9	1.471	189.1	6.245	145.8	8.444	198.7		165.2	144.117	185.4	0.314	196.3	52.644	234.9		193.9	194.7
1976																			
1-	0.884	262.3	1.931	248.2	7.281	169.9	*	-		169.9	173.339	223.0	0.307	191.9	62.213	277.5		224.3	241.6
2-	0.888	263.5	1.500	192.8	7.281	170.0	*	-		170.0	196.423	252.7	0.319	199.4	54.629	243.7		239.5	244.2
Aver.	0.886	262.9	1.740	223.6	7.281	170.0				170.0	177.243	228.0	0.310	193.7	60.122	268.2		226.9	242.0
1977																			
1-	0.744	220.8	*	-	8.699	203.1	7.800	183.5		188.6	136.425	175.5	0.253	158.1	46.622	208.0		170.1	199.4
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0		100.0	77.742	100.0	0.160	100.0	22.416	100.0		100.0	100.0

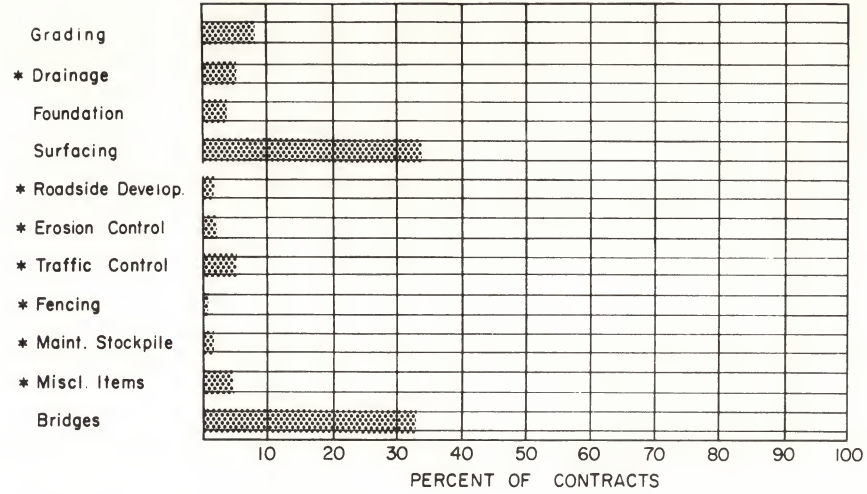
* Insufficient Sample--not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



FIRST HALF OF 1977



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JAN. 1, 1977 - JUNE 30, 1977

* Not Included In Price Index.

FIRST HALF 1977

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	Over $1,000,000	Total All Projects
Number of Projects	11	3	3	11	10	44
Total Contract Amounts	$266,279.60	$210,315.75	$496,078.79	$8,386,434.34	$17,764,089.03	$29,375.272.01
Average Contract Amount	$ 24,207.24	$ 70,105.25	$165,359.60	$ 762,403.12	$ 1,776,408.90	$ 667,619.82
Number Bidders	33	9	17	76	66	238
Average Number Bidders PER Project	3.0	3.0	5.7	6.9	6.6	5.4

INFORMATION OBTAINED FROM BID TAVULATIONS AND AWARD SHEETS

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H3C
July-Dec
1977

PLEASE RETURN

THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

R. J. ANDERSON
DIRECTOR OF HIGHWAYS

January 17, 1978

IN REPLY REFER TO:

0026:JSE

STATE DOCUMENTS COLLECTION

JAN 23 1978

MONTANA STATE LIBRARY
930 E Lyndale Ave.
Helena, Montana 59601

Gentlemen:

Enclosed is one copy of the Montana Department of Highway's Construction Cost Index for the second half of 1977.

This index for the period of July 1 to December 31, 1977 is computed at 226.5 compared to the base year of 1967. This is a decrease of 27.1 points or the equivalent of 13.6 percent when compared to the previous six month period. When compared to the previous year the index has decreased 17.2 points.

We hope this index is of interest to you as a means of following construction cost trends.

Very truly yours,

RONALD P. RICHARDS
Director of Highways

By James W. Hahn
James W. Hahn, Chief
Planning and Research Bureau

JWH:JSE:mf
Enclosure

GEORGE VUCANOVICH CHAIRMAN
HELENA

Wm M. KESSNER VICE CHAIRMAN
BLACK EAGLE

JOHN S. COTE
BUTTE

P. L. BACHELLER
BILLINGS

BAXTER LARSON
WOLF POINT

MONTANA CONSTRUCTION COST INDEX - PRICE TRENDS

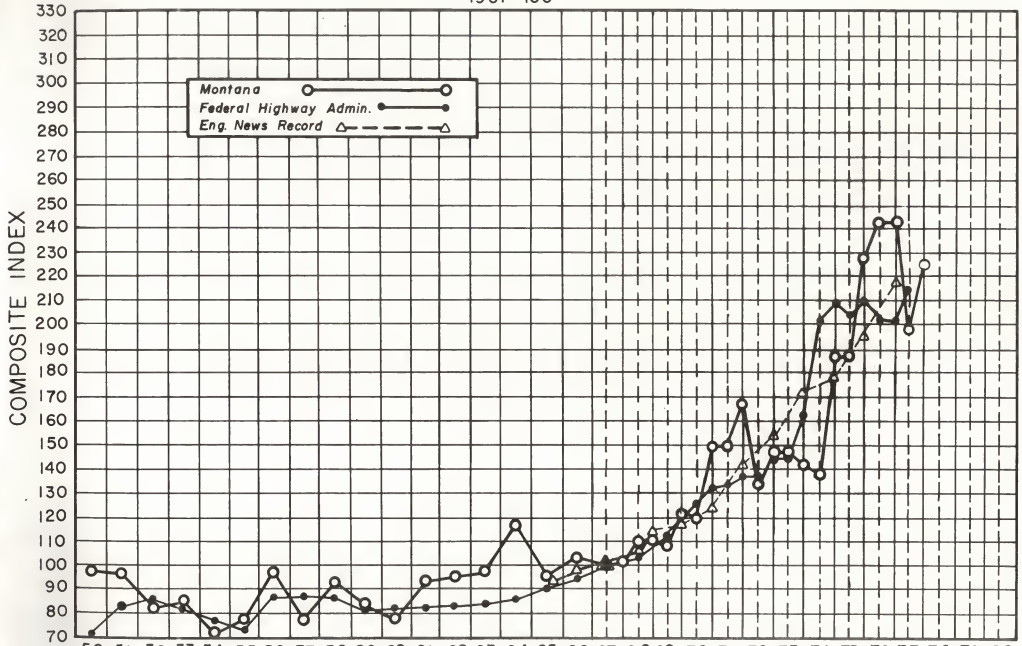
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING						STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX		STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX			BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5		62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8		49.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3		68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2		61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4		58.255	74.9	0.138	84.4	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3		51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0		59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2		52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2		66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6		65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0		62.196	80.0	0.149	93.1	*	-	82.9	79.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9		67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0		68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9		67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1		72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2		72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	--	93.2		69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0		77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8		82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3		80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970	0.508	150.7	0.906	116.5	4.315	100.7			100.7		98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																		
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6		107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8		106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1		107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1972																		
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3		107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5		118.78	152.8	0.202	126.2	33.890	151.2	148.0	144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3		114.69	148.1	0.202	126.2	35.686	159.2	146.0	141.0
1973																		
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8		119.53	153.8	0.217	135.6	36.711	163.8	151.4	145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2		120.02	165.9	0.237	148.1	42.845	191.1	167.7	141.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6		124.09	159.6	0.226	141.2	40.040	178.6	159.4	141.9
1974																		
1-	0.394	116.9	0.970	124.7	4.613	107.7	*	-	107.7		114.02	146.7	0.297	185.6	44.897	200.3	161.7	138.7
2-	0.713	211.6	0.756	97.2	4.393	102.6			102.6		120.57	155.1	0.349	218.1	52.294	233.3	178.5	187.1
Aver.	0.434	134.7	0.806	103.6	4.468	104.3			104.3		119.01	153.1	0.336	210.0	50.407	224.9	174.4	151.4
1975																		
1-	0.626	185.8	1.395	179.3	6.355	148.4	8.444	198.7	168.5		139.633	179.6	0.310	193.8	52.221	233.0	188.9	187.5
2-	0.863	256.1	1.763	226.6	5.600	130.7			130.7		160.384	206.3	0.328	205.0	53.718	239.6	210.7	228.7
Aver.	0.677	200.9	1.471	189.1	6.245	145.8	8.444	198.7	165.2		144.117	185.4	0.314	196.3	52.644	234.9	193.9	194.7
1976																		
1-	0.884	262.3	1.931	248.2	7.281	169.9	*	-	169.9		173.339	223.0	0.307	191.9	62.213	277.5	224.3	241.6
2-	0.888	263.5	1.500	192.8	7.281	170.0	*	-	170.0		196.423	252.7	0.319	199.4	54.629	243.7	239.5	244.2
Aver.	0.886	262.9	1.740	223.6	7.281	170.0			170.0		177.243	228.0	0.310	193.7	60.122	268.2	226.9	242.0
1977																		
1-	0.744	220.8	*	-	8.699	203.1	7.800	183.5	188.6		136.425	175.5	0.253	158.1	46.622	208.0	170.1	199.4
2-	0.865	256.7	1.438	184.8	6.098	142.4	8.600	202.4	160.2		162.470	209.0	0.282	176.3	58.312	260.1	207.6	226.5
Aver.	0.841	249.6	1.438	184.8	6.809	159.0	7.962	187.3	174.8		144.252	185.6	0.261	163.1	54.338	242.4	183.8	215.1
1967																		
Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0		77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

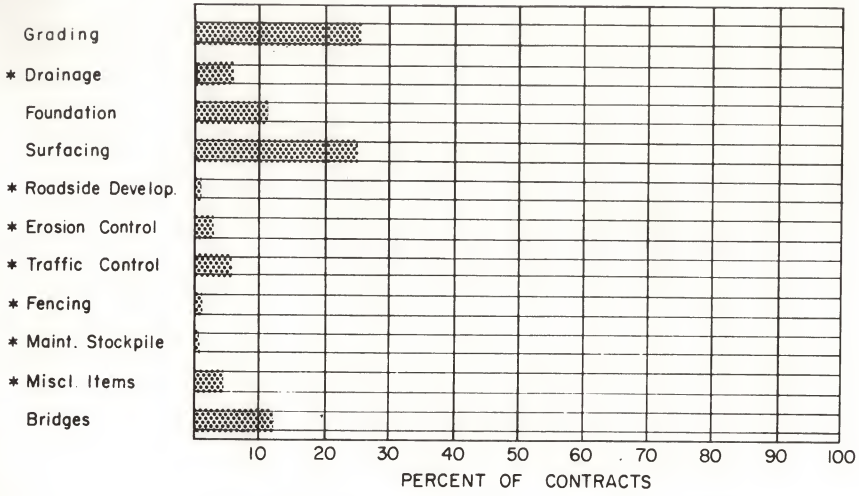
* Insufficient Sample--not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



SECOND HALF OF 1977



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JULY 1, 1977 – DECEMBER 31, 1977

* Not Included In Price Index.

SECOND HALF OF 1977

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	5	1	6	5	8	12	37
Total Contract Amounts	$132,545.00	$65,360.85	$888,758.05	$2,049,874.13	$5,179,074.17	$29,960,018.30	$38,863,630.50
Average Contract Amount	$ 26,509.00	$65,360.85	$143,126.34	$ 409,974.83	$ 647,384.27	$ 2,496,668.19	$ 1,059,368.39
Number Bidders	12	1	36	29	56	80	214
Average Number Bidders PER Project	2.4	1.0	6.0	5.8	7.0	6.7	5.8

INFORMATION OBTAINED FROM BIDE TABULATIONS AND AWARD SHEETS

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625.7
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Aug. 1978

PLEASE RETURN

THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

RONALD P. RICHARDS
DIRECTOR OF HIGHWAYS

August 8, 1978

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Gentlemen:

Enclosed is one copy of the Montana Department of Highways Construction Cost Index for the first half of 1978.

This index, for the period January 1 to June 30, 1978, is computed at 270.4 as compared to the base year of 1967. This is an increase of 43.9 points, or the equivalent of 19.4 percent, when compared to the previous six month period. When compared to the previous year the index has increased 71 points.

We hope this index is of interest to you as a means of following construction cost trends.

Sincerely,

RONALD P. RICHARDS
Director of Highways

By James W. Hahn
James W. Hahn, Chief
Planning and Research Bureau

JWH:JSE:cv
Enclosure

GEORGE VUCANOVICH CHAIRMAN
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EQUAL EMPLOYMENT OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

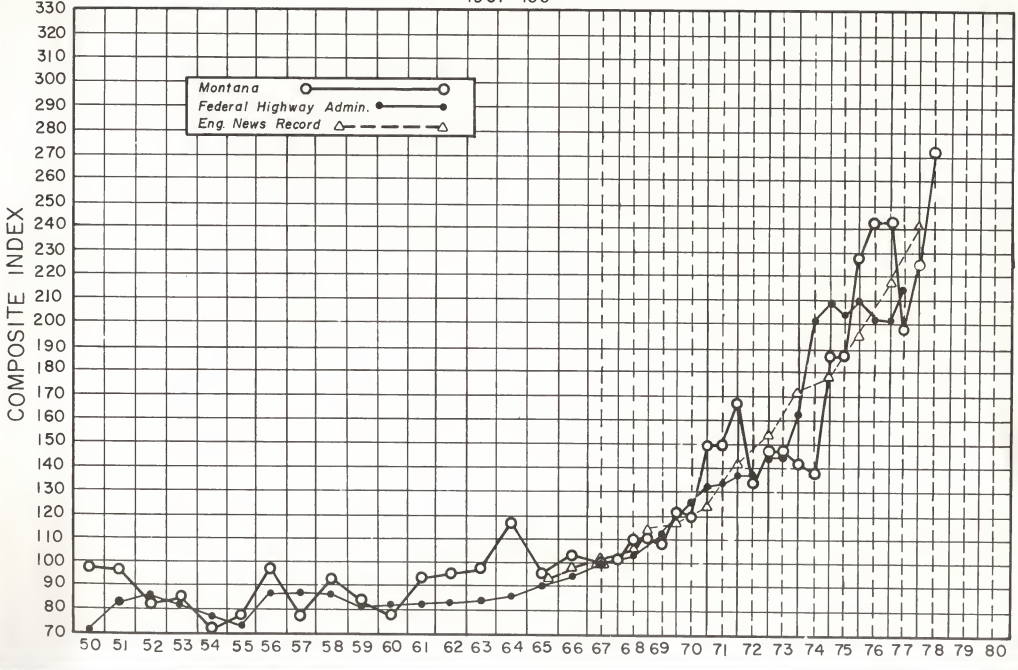
1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING						STRUCTURES								ALL ITEMS INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX		STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX		
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX			BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX			
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5		62.510	80.4	0.146	91.3	*	-	82.0		97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8		49.970	64.3	0.169	105.6	*	-	72.3		96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3		68.070	87.6	0.167	104.4	*	-	91.3		81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2		61.940	79.7	0.158	98.8	*	-	83.6		84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4		58.255	74.9	0.138	84.4	*	-	77.3		69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3		51.721	66.5	0.151	94.4	*	-	72.0		77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0		59.345	76.3	0.174	108.8	*	-	82.3		95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2		52.969	68.1	0.149	93.1	*	-	73.7		77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2		66.971	86.1	0.154	96.3	*	-	88.5		91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6		65.214	83.9	0.149	93.1	*	-	86.0		83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0		62.196	80.0	0.149	93.1	*	-	82.9		78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9		67.954	87.4	0.151	94.4	23.281	103.9	93.2		94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0		68.409	88.0	0.139	86.9	20.383	90.9	88.7		96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9		67.807	87.2	0.142	88.8	21.612	96.4	90.2		99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1		72.179	92.8	0.144	90.0	22.364	99.8	94.5		118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2		72.972	93.9	0.149	93.1	23.150	103.3	96.2		94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2		69.836	89.8	0.152	95.0	24.158	107.8	93.5		104.1
1967	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0		77.742	100.0	0.160	100.0	22.416	100.0	100.0		100.0
1968	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8		82.565	106.2	0.158	98.8	21.869	97.6	103.1		110.1
1969	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3		80.668	103.8	0.153	95.6	25.219	112.5	102.9		115.7
1970	0.508	150.7	0.906	116.5	4.315	100.7			100.7		98.067	126.1	0.174	108.7	29.399	131.2	123.6		134.1
1971																			
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6		107.12	137.8	0.180	112.5	30.632	136.6	131.9		149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8		106.91	137.5	0.176	110.0	29.855	133.2	131.1		167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1		107.02	137.7	0.178	111.2	30.454	135.9	131.5		157.2
1972																			
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3		107.17	137.9	0.200	125.0	36.745	163.9	142.1		133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5		118.78	152.8	0.202	126.2	33.890	151.2	148.0		144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3		114.69	148.1	0.202	126.2	35.686	159.2	146.0		141.0
1973																			
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8		119.53	153.8	0.217	135.6	36.711	163.8	151.4		145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2		120.02	165.9	0.237	148.1	42.845	191.1	167.7		141.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6		124.09	159.6	0.226	141.2	40.040	178.6	159.4		141.9
1974																			
1-	0.394	116.9	0.970	124.7	4.613	107.7	*	-	107.7		114.02	146.7	0.297	185.6	44.897	200.3	161.7		138.7
2-	0.713	211.6	0.756	97.2	4.393	102.6			102.6		120.57	155.1	0.349	218.1	52.294	233.3	178.5		187.1
Aver.	0.434	134.7	0.806	103.6	4.468	104.3			104.3		119.01	153.1	0.336	210.0	50.407	224.9	174.4		151.4
1975																			
1-	0.626	185.8	1.395	179.3	6.355	148.4	8.444	198.7	168.5		139.633	179.6	0.310	193.8	52.221	233.0	188.9		187.5
2-	0.863	256.1	1.763	226.6	5.600	130.7			130.7		160.384	206.3	0.328	205.0	53.718	239.6	210.7		228.7
Aver.	0.677	200.9	1.471	189.1	6.245	145.8	8.444	198.7	165.2		144.117	185.4	0.314	196.3	52.644	234.9	193.9		194.7
1976																			
1-	0.884	262.3	1.931	248.2	7.281	169.9	*	-	169.9		173.339	223.0	0.307	191.9	62.213	277.5	224.3		241.6
2-	0.888	263.5	1.500	192.8	7.281	170.0	*	-	170.0		196.423	252.7	0.319	199.4	54.629	243.7	239.5		244.2
Aver.	0.886	262.9	1.740	223.6	7.281	170.0			170.0		177.243	228.0	0.310	193.7	60.122	268.2	226.9		242.0
1977																			
1-	0.744	220.8	*	-	8.699	203.1	7.800	183.5	188.6		136.425	175.5	0.253	158.1	46.622	208.0	170.1		199.4
2-	0.865	256.7	1.438	184.8	6.098	142.4	8.600	202.4	160.2		162.470	209.0	0.282	176.3	58.312	260.1	207.6		226.5
Aver.	0.841	249.6	1.438	184.8	6.809	159.0	7.962	187.3	174.8		144.252	185.6	0.261	163.1	54.338	242.4	183.8		215.1
1978																			
1-	0.983	291.7	*	-	7.388	172.5	*	-	172.5		210.000	270.1	0.355	221.9	*	-	253.0		270.4
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0		77.742	100.0	0.160	100.0	22.416	100.0	100.0		100.0

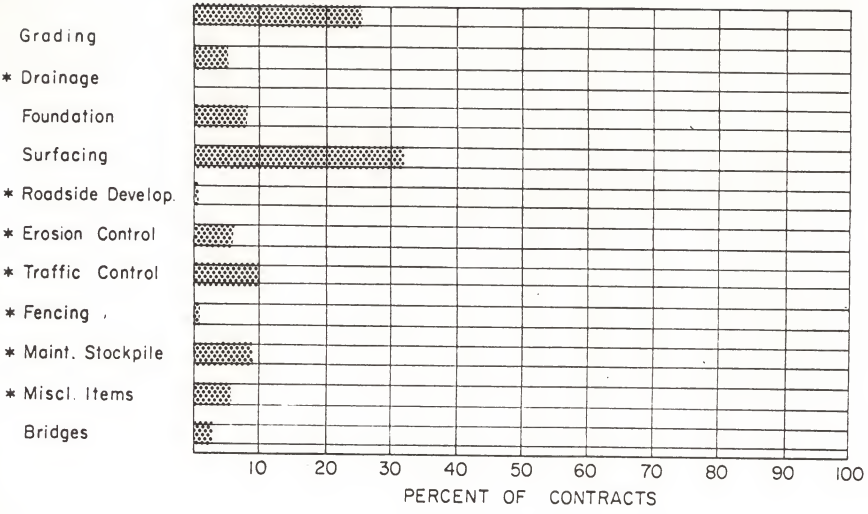
* Insufficient Sample--not used for computing index

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100



FIRST HALF OF 1978



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JAN. 1, 1978 – JUNE 30, 1978

* Not Included In Price Index.

FIRST HALF OF 1978

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	17	3	12	5	3	11	51
Total Contract Amounts	$392,267.35	$224,974.82	$1,895,952.25	$1,884,793.41	$1,990,481.47	$23,428,777.67	$29,817,246.97
Average Contract Amount	$ 23,074.55	$ 74,991.61	$ 157,996.02	$ 376,958.68	$ 663,493.82	$ 2,129,888.88	$ 584,651.91
Number Bidders	68	12	66	28	18	69	261
Average Number Bidders PER Project	4.0	4.0	5.5	5.6	6.0	6.3	5.12

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

S
625.7
H3c
July-Dec. 1978

THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

RONALD P. RICHARDS
DIRECTOR OF HIGHWAYS

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February 13, 1979

STATE DOCUMENTS COLLECTION

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Helena, Montana 59601

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Gentlemen:

Enclosed is one copy of the Montana Department of Highways Construction Cost Index for the second half of 1978.

This index, for the period July 1 to December 31, 1978, is computed at 284.0 as compared to the base year of 1967. This is an increase of 13.6 points, or the equivalent of 5.0 percent, when compared to the previous six month period. When compared to the previous year the index has increased 57.5 points.

We hope this index is of interest to you as a means of following construction cost trends.

Sincerely,

James W. Hahn

James W. Hahn
Chief, Planning and Research Bureau

JWH:JSE:mp/33R

Enclosure

HENRY HERRON, CHAIRMAN
HELENA

WM. M. KESSNER, VICE CHAIRMAN
GREAT FALLS

JOHN S. COTE
BUTTE

DAVE MCNALLY
BILLINGS

BAXTER CLARSON
WOLF POINT

EQUAL EMPLOYMENT OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

1967 = 100

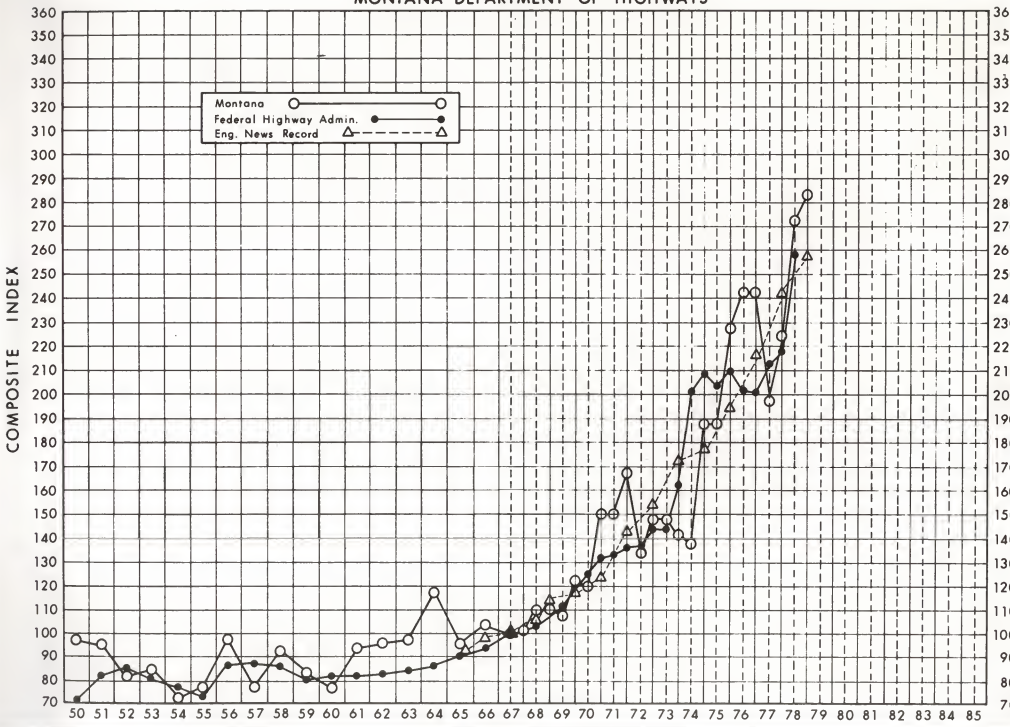
YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING						STRUCTURES								COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX		STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX		
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX			BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX			
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5		62.510	80.4	0.146	91.3	*	-	82.0		97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8		49.970	64.3	0.169	105.6	*	-	72.3		96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3		68.070	87.6	0.167	104.4	*	-	91.3		81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2		61.940	79.7	0.158	98.8	*	-	83.6		84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4		58.255	74.9	0.138	84.4	*	-	77.3		69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3		51.721	66.5	0.151	94.4	*	-	72.0		77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0		59.345	76.3	0.174	108.8	*	-	82.3		95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2		52.969	68.1	0.149	93.1	*	-	73.7		77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2		66.971	86.1	0.154	96.3	*	-	88.5		91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6		65.214	83.9	0.149	93.1	*	-	86.0		83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0		62.196	80.0	0.149	93.1	*	-	82.9		78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9		67.954	87.4	0.151	94.4	23.281	103.9	93.2		94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0		68.409	88.0	0.139	86.9	20.383	90.9	88.7		96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9		67.807	87.2	0.142	88.8	21.612	96.4	90.2		99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1		72.179	92.8	0.144	90.0	22.364	99.8	94.5		118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2		72.972	93.9	0.149	93.1	23.150	103.3	96.2		94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2		69.836	89.8	0.152	95.0	24.158	107.8	93.5		104.1
1967	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0		77.742	100.0	0.160	100.0	22.416	100.0	100.0		100.0
1968	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8		82.565	106.2	0.158	98.8	21.869	97.6	103.1		110.1
1969	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3		80.668	103.8	0.153	95.6	25.219	112.5	102.9		115.7
1970	0.508	150.7	0.906	116.5	4.315	100.7			100.7		98.067	126.1	0.174	108.7	29.399	131.2	123.6		134.1
1971																			
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6		107.12	137.8	0.180	112.5	30.632	136.6	131.9		149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8		106.91	137.5	0.176	110.0	29.855	133.2	131.1		167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1		107.02	137.7	0.178	111.2	30.454	135.9	131.5		157.2
1972																			
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3		107.17	137.9	0.200	125.0	36.745	163.9	142.1		133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5		118.78	152.8	0.202	126.2	33.890	151.2	148.0		144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3		114.69	148.1	0.202	126.2	35.686	159.2	146.0		141.0
1973																			
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8		119.53	153.8	0.217	135.6	36.711	163.8	151.4		145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2		120.02	165.9	0.237	148.1	42.845	191.1	167.7		161.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6		124.09	159.6	0.226	141.2	40.040	178.6	159.4		141.9
1974																			
1-	0.394	116.9	0.970	124.7	4.613	107.7	*	-	107.7		114.02	146.7	0.297	185.6	44.897	200.3	161.7		138.7
2-	0.713	211.6	0.756	97.2	4.393	102.6			102.6		120.57	155.1	0.349	218.1	52.294	233.3	178.5		187.1
Aver.	0.434	134.7	0.806	103.6	4.468	104.3			104.3		119.01	153.1	0.336	210.0	50.407	224.9	174.4		151.4
1975																			
1-	0.626	185.8	1.395	179.3	6.355	148.4	8.444	198.7	168.5		139.633	179.6	0.310	193.8	52.221	233.0	188.9		187.5
2-	0.863	256.1	1.763	226.6	5.600	130.7			130.7		160.384	206.3	0.328	205.0	53.718	239.6	210.7		228.7
Aver.	0.677	200.9	1.471	189.1	6.245	145.8	8.444	198.7	165.2		144.117	185.4	0.314	196.3	52.644	234.9	193.9		194.7
1976																			
1-	0.884	262.3	1.931	248.2	7.281	169.9	*	-	169.9		173.339	223.0	0.307	191.9	62.213	277.5	224.3		241.6
2-	0.888	263.5	1.500	192.8	7.281	170.0	*	-	170.0		196.423	252.7	0.319	199.4	54.629	243.7	239.5		244.2
Aver.	0.886	262.9	1.740	223.6	7.281	170.0			170.0		177.243	228.0	0.310	193.7	60.122	268.2	226.9		242.0
1977																			
1-	0.744	220.8	*	-	8.699	203.1	7.800	183.5	188.6		136.425	175.5	0.253	158.1	46.622	208.0	170.1		199.4
2-	0.865	256.7	1.438	184.8	6.098	142.4	8.600	202.4	160.2		162.470	209.0	0.282	176.3	58.312	260.1	207.6		226.5
Aver.	0.841	249.6	1.438	184.8	6.809	159.0	7.962	187.3	174.8		144.252	185.6	0.261	163.1	54.338	242.4	183.8		215.1
1978																			
1-	0.983	291.7	*	-	7.388	172.5	*	-	172.5		210.000	270.1	0.355	221.9	*	-	253.0		270.4
2-	1.081	320.8	1.810	232.6	6.826	159.4	9.000	211.8	189.2		207.487	266.9	0.411	256.9	69.292	309.1	292.8		284.0
Aver.	1.014	300.9	1.985	255.1	7.021	163.9	9.231	217.2	183.2		207.668	267.1	0.404	252.5	61.5	309.1	291.4		273.6
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0		77.742	100.0	0.160	100.0	22.416	100.0	100.0		100.0

* Insufficient Sample--not used for computing index

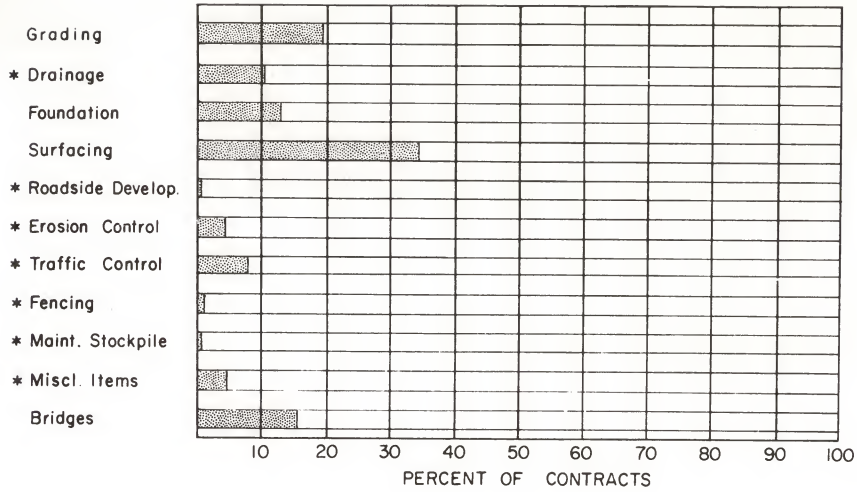
PRICE TRENDS IN HIGHWAY CONSTRUCTION

1967 = 100

PLANNING AND RESEARCH BUREAU
MONTANA DEPARTMENT OF HIGHWAYS



TOTAL YEAR 1978



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JANUARY 1, 1978 – DECEMBER 31, 1978

* Not Included In Price Index.

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

SECOND HALF OF 1978

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	7	5	4	4	4	11	35
Total Contract Amounts	$148,999.26	$379,423.56	$545,941.13	$1,416,145.25	$3,324,344.17	$34,354,833.10	$40,166,686.47
Average Contract Amount	$ 21,285.61	$ 75,884.71	$136,485.28	$ 354,036.31	$ 831,086.04	$ 3,123,166.65	$ 1,147,619.61
Number Bidders	20	13	11	16	20	55	135
Average Number Bidders per Project	2.9	2.6	2.8	4	5	5	3.9

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

S
625.7
H3c
Jan-June 1979

PLEASE RETURN

THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

RONALD D. RICHARDS
DIRECTOR OF HIGHWAYS

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SEP 24 1979

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August 13, 1979

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Gentlemen:

Enclosed is one copy of the Montana Department of Highways Construction Cost Index for the first half of 1979.

This index, for the period January 1,to June 30, 1979, is computed at 265.4 as compared to the base year of 1967. This is a decrease of 18.6 points, or the equivalent of 6.6 percent, when compared to the previous six month period. When compared to the previous year the index has decreased 5.0 points.

We hope this index is of interest to you as a means of following construction cost trends.

Sincerely,

James W. Hahn

James W. Hahn
Chief, Planning and Research Bureau

JWH:JSE:cr:1D

Enclosure

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BILLINGS

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GREAT FALLS

JOHN S. COTE
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DAVE MENAHAN
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ALICE P. TURNER
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EQUAL EMPLOYMENT OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING						STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX		STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX			BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5		62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8		49.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3		68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2		61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4		58.255	74.9	0.138	86.4	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3		51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0		59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2		52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2		66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6		65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0		62.196	80.0	0.149	93.1	*	-	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9		67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0		68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9		67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1		72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2		72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2		69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0		77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8		82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3		80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970	0.508	150.7	0.906	116.5	4.315	100.7			100.7		98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																		
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6		107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8		106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1		107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1972																		
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3		107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5		118.78	152.8	0.202	126.2	33.890	151.2	148.0	144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3		114.69	148.1	0.202	126.2	35.686	159.2	146.0	141.0
1973																		
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8		119.53	153.8	0.217	135.6	36.711	163.8	151.4	145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2		120.02	165.9	0.237	148.1	42.845	191.1	167.7	141.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6		124.09	159.6	0.226	141.2	40.040	178.6	159.4	141.9
1974																		
1-	0.394	116.9	0.970	124.7	4.613	107.7	*	-	107.7		114.02	146.7	0.297	185.6	44.897	200.3	161.7	138.7
2-	0.713	211.6	0.756	97.2	4.393	102.6			102.6		120.57	155.1	0.349	218.1	52.294	233.3	178.5	187.1
Aver.	0.434	134.7	0.806	103.6	4.468	104.3			104.3		119.01	153.1	0.336	210.0	50.407	224.9	174.4	151.4
1975																		
1-	0.626	185.8	1.395	179.3	6.355	148.4	8.444	198.7	168.5		139.633	179.6	0.310	193.8	52.221	233.0	188.9	187.5
2-	0.863	256.1	1.763	226.6	5.600	130.7			130.7		160.384	206.3	0.328	205.0	53.718	239.6	210.7	228.7
Aver.	0.677	200.9	1.471	189.1	6.245	145.8	8.444	198.7	165.2		144.117	185.4	0.314	196.3	52.644	234.9	193.9	194.7
1976																		
1-	0.884	262.3	1.931	248.2	7.281	169.9	*	-	169.9		173.339	223.0	0.307	191.9	62.213	277.5	224.3	241.6
2-	0.888	263.5	1.500	192.8	7.281	170.0	*	-	170.0		196.423	252.7	0.319	199.4	54.629	243.7	239.5	244.2
Aver.	0.886	262.9	1.740	223.6	7.281	170.0			170.0		177.243	228.0	0.310	193.7	60.122	268.2	226.9	242.0
1977																		
1-	0.744	220.8	*	-	8.699	203.1	7.800	183.5	188.6		136.425	175.5	0.253	158.1	46.622	208.0	170.1	199.4
2-	0.865	256.7	1.438	184.8	6.098	142.4	8.600	202.4	160.2		162.470	209.0	0.282	176.3	58.312	260.1	207.6	226.5
Aver.	0.841	249.6	1.438	184.8	6.809	159.0	7.962	187.3	174.8		144.252	185.6	0.261	163.1	54.338	242.4	183.8	215.1
1978																		
1-	0.983	291.7	*	-	7.388	172.5	*	-	172.5		210.000	270.1	0.355	221.9	*	-	253.0	270.4
2-	1.081	320.8	1.810	232.6	6.826	159.4	9.000	211.8	189.2		207.487	266.9	0.411	256.9	69.292	309.1	265.4	284.0
Aver.	1.014	300.9	1.985	255.1	7.021	163.9	9.231	217.2	183.2		207.668	267.1	0.404	252.5	61.5	309.1	264.2	273.6
1979																		
1-	0.794	235.6	2.150	276.3	8.063	188.3	22.798	536.4	224.9		204.815	263.5	0.416	260.0	79.594	355.1	270.0	265.4

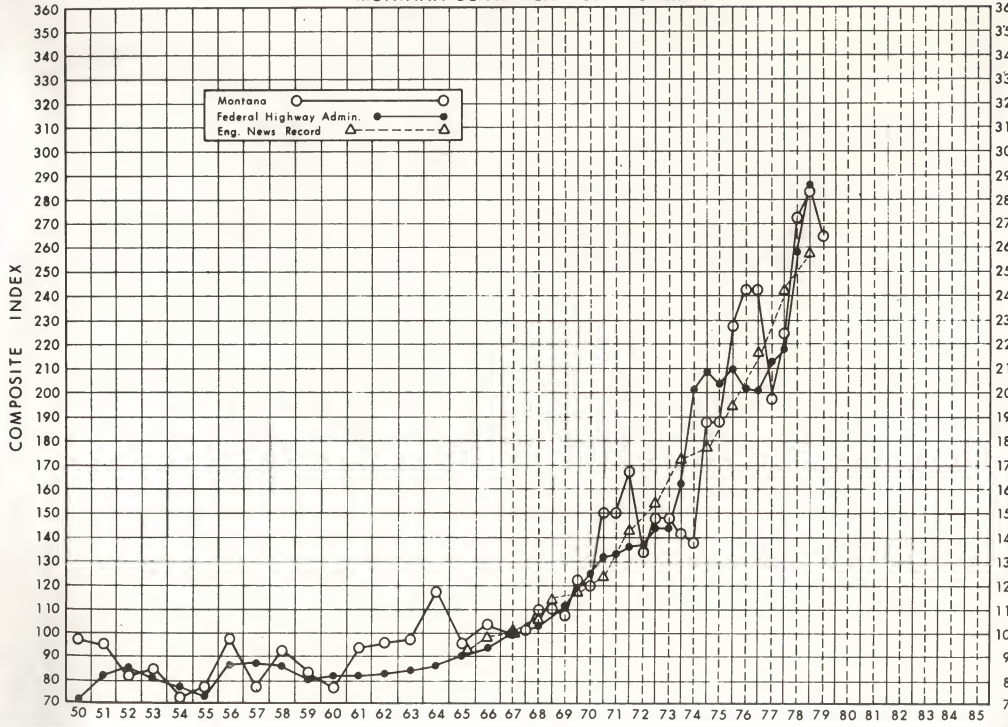
1967
Base 0.337 100.0 0.778 100.0 4.283 100.0 4.250 100.0 100.0 77.742 100.0 0.160 100.0 22.416 100.0 100.0 100.0

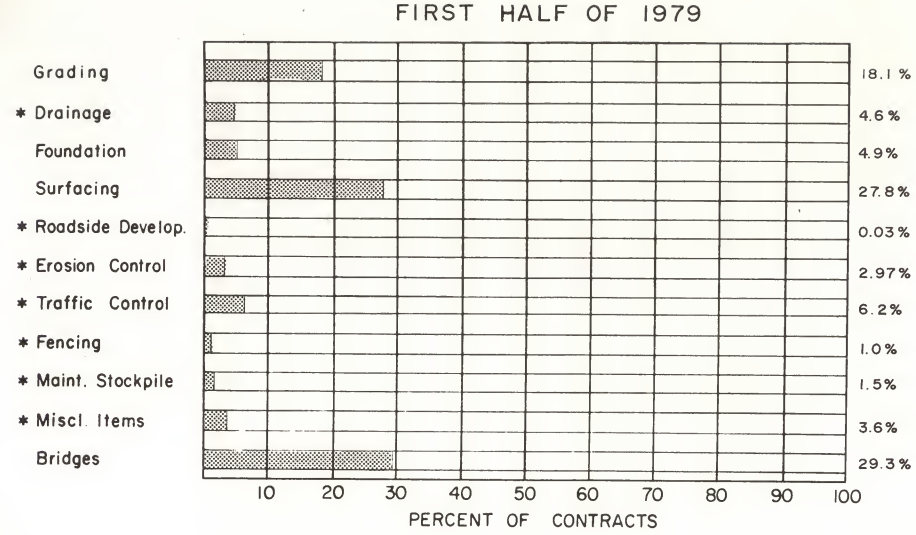
* Insufficient Sample--not used for computing index

PRICE TRENDS IN HIGHWAY CONSTRUCTION

1967 = 100

PLANNING AND RESEARCH BUREAU
MONTANA DEPARTMENT OF HIGHWAYS





DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JANUARY 1, 1979 — JUNE 30, 1979

* Not Included In Price Index.

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

FIRST HALF OF 1979

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	18	4	8	9	8	16	63
Total Contract Amounts	$354,672	$267,779	$1,167,439	$3,109,612	$5,887,014	$61,726,699	$72,513,215
Average Contract Amount	19,704	$ 66,945	$ 145,930	$ 345,512	$ 735,877	$ 3,857,919	$ 1,151,003
Number Bidders	48	10	19	25	25	60	187
Average Number Bidders per Project	2.6	2.5	2.4	2.7	3.1	3.8	2.97

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

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DEPARTMENT OF HIGHWAYS

THOMAS L. JUDGE, GOVERNOR

2701 PROSPECT

STATE OF MONTANA

HELENA, MONTANA 59601

February 14, 1980

0026: JWH
File: 924

Gentlemen:

Enclosed is one copy of the Montana Department of Highways Construction Cost Index for the second half of 1979.

This index, for the period July 1 to December 31, 1979, is computed at 336.4 as compared to the base year of 1967. This is an increase of 70.0 points, or the equivalent of 26.8 percent, when compared to the previous six month period. Compared to the previous year the index has increased 62.8 points.

The yearly composite index closes at 292.9 points. This is an increase of 19.3 points, or the equivalent of 7.1%, when compared to the previous yearly average.

We hope this index is of interest to you as a means of following construction cost trends.

Sincerely,

for James W. Hahn
Chief, Planning and Research Bureau

JWH/JSE/sm/2C

Enclosure

"AN EQUAL OPPORTUNITY EMPLOYER"

MONTANA CONSTRUCTION COST INDEX-PRICE TRENDS

1967 = 100

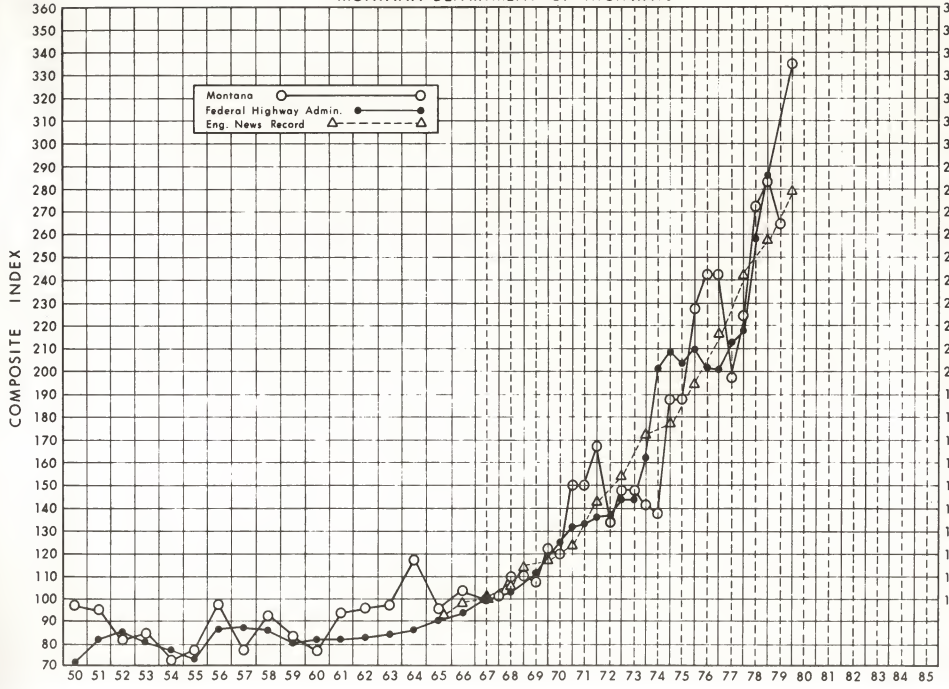
YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING						STRUCTURES								COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX		STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX		
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX			BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX			
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5		62.510	80.4	0.146	91.3	*	-	82.0	97.9	
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8		49.970	64.3	0.169	105.6	*	-	72.3	96.5	
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3		68.070	87.6	0.167	104.4	*	-	91.3	81.6	
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2		61.940	79.7	0.158	98.8	*	-	83.6	84.3	
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4		58.255	74.9	0.138	84.4	*	-	77.3	69.7	
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3		51.721	66.5	0.151	94.4	*	-	72.0	77.7	
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0		59.345	76.3	0.174	108.8	*	-	82.3	95.6	
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2		52.969	68.1	0.149	93.1	*	-	73.7	77.7	
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2		66.971	86.1	0.154	96.3	*	-	88.5	91.2	
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6		65.214	83.9	0.149	93.1	*	-	86.0	83.6	
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0		62.196	80.0	0.149	93.1	*	-	82.9	78.7	
1961	0.332	98.5	0.780	100.2	3.057	71.4	4.486	105.6	80.9		67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9	
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0		68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4	
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9		67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2	
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1		72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4	
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2		72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7	
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2		69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1	
1967	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0		77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0	
1968	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8		82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1	
1969	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3		80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7	
1970	0.508	150.7	0.906	116.5	4.315	100.7			100.7		98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1	
1971																			
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6		107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4	
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8		106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9	
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1		107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2	
1972																			
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3		107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0	
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5		118.78	152.8	0.202	126.2	33.890	151.2	148.0	144.3	
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3		114.69	148.1	0.202	126.2	35.686	159.2	146.0	141.0	
1973																			
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8		119.53	153.8	0.217	135.6	36.711	163.8	151.4	145.8	
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2		120.02	165.9	0.237	148.1	42.845	191.1	167.7	141.3	
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6		124.09	159.6	0.226	141.2	40.040	178.6	159.4	141.9	
1974																			
1-	0.394	116.9	0.970	124.7	4.613	107.7	*	-	107.7		114.02	146.7	0.297	185.6	44.897	200.3	161.7	138.7	
2-	0.713	211.6	0.756	97.2	4.393	102.6			102.6		120.57	155.1	0.349	218.1	52.294	233.3	178.5	187.1	
Aver.	0.434	134.7	0.806	103.6	4.468	104.3			104.3		119.01	153.1	0.336	210.0	50.407	224.9	174.4	151.4	
1975																			
1-	0.626	185.8	1.395	179.3	6.355	148.4	8.444	198.7	168.5		139.633	179.6	0.310	193.8	52.221	233.0	188.9	187.5	
2-	0.863	256.1	1.763	226.6	5.600	130.7			130.7		160.384	206.3	0.328	205.0	53.718	239.6	210.7	228.7	
Aver.	0.677	200.9	1.471	189.1	6.245	145.8	8.444	198.7	165.2		144.117	185.4	0.314	196.3	52.644	234.9	193.9	194.7	
1976																			
1-	0.884	262.3	1.931	248.2	7.281	169.9	*	-	169.9		173.339	223.0	0.307	191.9	62.213	277.5	224.3	241.6	
2-	0.888	263.5	1.500	192.8	7.281	170.0	*	-	170.0		196.423	252.7	0.319	199.4	54.629	243.7	239.5	244.2	
Aver.	0.886	262.9	1.740	223.6	7.281	170.0			170.0		177.243	228.0	0.310	193.7	60.122	268.2	226.9	242.0	
1977																			
1-	0.744	220.8	*	-	8.699	203.1	7.800	183.5	188.6		136.425	175.5	0.253	158.1	46.622	208.0	170.1	199.4	
2-	0.865	256.7	1.438	184.8	6.098	142.4	8.600	202.4	160.2		162.470	209.0	0.282	176.3	58.312	260.1	207.6	226.5	
Aver.	0.841	249.6	1.438	184.8	6.809	159.0	7.962	187.3	174.8		144.252	185.6	0.261	163.1	54.338	242.4	183.8	215.1	
1978																			
1-	0.983	291.7	*	-	7.388	172.5	*	-	172.5		210.000	270.1	0.355	221.9	*	-	253.0	270.4	
2-	1.081	320.8	1.810	232.6	6.826	159.4	9.000	211.8	189.2		207.487	266.9	0.411	256.9	69.292	309.1	265.4	284.0	
Aver.	1.014	300.9	1.985	255.1	7.021	163.9	9.231	217.2	183.2		207.668	267.1	0.404	252.5	61.5	309.1	264.2	273.6	
1979																			
1-	0.794	235.6	2.150	276.3	8.063	188.3	22.798	536.4	224.9		204.815	263.5	0.416	260.0	79.594	355.1	270.0	265.4	
2-	1.169	346.9	*	-	7.930	185.2	20.000	470.6	199.8		274.827	353.5	0.440	275.0	74.648	333.0	327.4	336.4	
Aver.	0.946	280.7	2.162	277.9	7.975	186.2	21.384	503.2	208.4		234.394	301.5	0.427	266.9	77.075	343.8	294.2	292.9	
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0		77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0	

* Insufficient Sample--not used for computing index

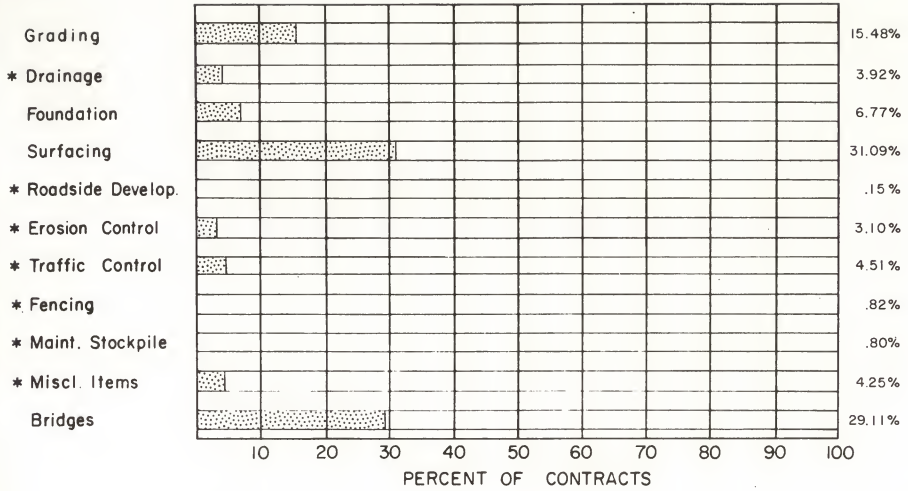
PRICE TRENDS IN HIGHWAY CONSTRUCTION

1967 = 100

PLANNING AND RESEARCH BUREAU
MONTANA DEPARTMENT OF HIGHWAYS



SECOND HALF OF 1979

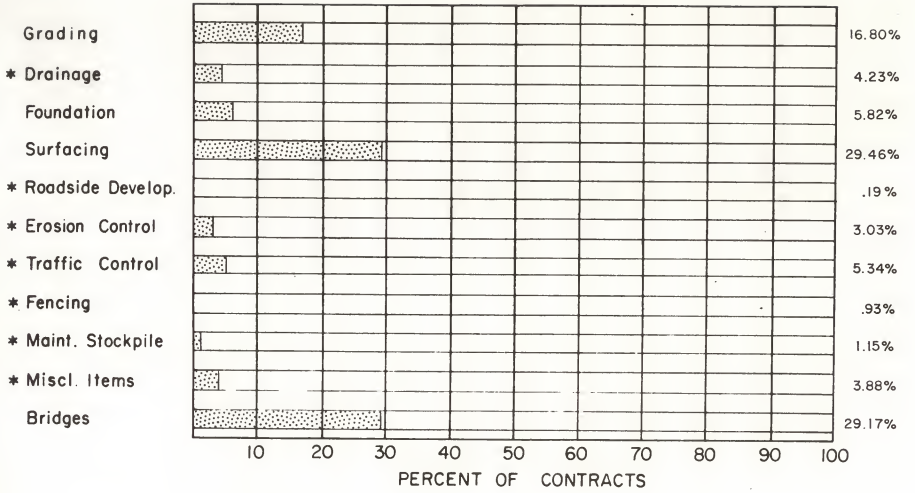


DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JULY 1, 1979 — DECEMBER 31, 1979

* Not Included In Price Index.

TOTAL YEAR 1979



DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JANUARY 1, 1979 DECEMBER 31, 1979

* Not Included In Price Index.

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

SECOND HALF OF 1979

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	2	6	7	2	7	17	41
Total Contract Amounts	$56,382	$489,576	$1,200,735	$772,913	$5,292,760	$66,686,441	$74,498,806
Average Contract Amount	$28,191	$ 81,596	$ 171,534	$386,456	$ 756,109	$ 3,922,732	$ 1,817,044
Number Bidders	4	32	29	7	31	88	191
Average Number Bidders per Project	2.0	5.3	4.1	3.5	4.4	5.2	4.7

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

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NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

CALENDAR YEAR OF 1979

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	20	10	15	11	15	33	104
Total Contract Amounts	$411,054	$757,355	$2,368,174	$3,882,525	$11,179,774	$128,413,140	$147,012,021
Average Contract Amount	$ 20,553	$ 75,736	$ 157,878	$ 352,957	$ 745,318	$ 3,891,307	$ 1,413,577
Number Bidders	52	42	48	32	56	148	378
Average Number Bidders per Project	2.6	4.2	3.2	2.9	3.7	9.9	3.6

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

pw/8S

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H3c
1st half - 1980

DEPARTMENT OF HIGHWAYS

THOMAS L. JUDGE, GOVERNOR

2701 PROSPECT

STATE OF MONTANA

HELENA, MONTANA 59601

STATE DOCUMENTS COLLECTION

AUG 21 1980

MONTANA STATE LIBRARY
930 E Lyndale Ave.
Helena, Montana 59601

August 12, 1980

0026: JWH
File: 924

Gentlemen:

Enclosed is one copy of the Montana Department of Highways Construction Cost Index for the first half of 1980.

This index, for the period January 1 to June 30, 1980, is computed at 367.4 as compared to the base year of 1967. This is an increase of 31 points, or the equivalent of 8.4 percent, when compared to the previous six month period. When compared to the previous year the index has increased 102 points.

We hope this index is of interest to you as a means of following construction cost trends.

Sincerely,

James W. Hahn

James W. Hahn
Chief, Planning and Research Bureau

JWH:JSE:rw:5C

Enclosure

PLEASE RETURN

MONTANA CONSTRUCTION COST INDEX PRICE TRENDS

1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES						COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5	62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8	69.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3	68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2	61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4	58.255	74.9	0.138	86.4	*	-	80.3	69.7
1955	0.267	79.2	0.793	101.8	2.796	65.3	*	-	65.3	51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0	59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2	52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2	66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6	65.214	83.9	0.149	93.1	*	-	86.0	83.6
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0	62.196	80.0	0.149	93.1	*	-	82.9	78.7
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9	67.954	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0	68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9	67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1	72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2	72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2	69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8	82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3	80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970	0.508	150.7	0.906	116.5	4.315	100.7			100.7	98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																	
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6	107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8	106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1	107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1972																	
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3	107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5	118.78	152.8	0.202	126.2	33.890	151.2	148.0	144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3	114.69	148.1	0.202	126.2	35.686	159.2	146.0	141.0
1973																	
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8	119.53	153.8	0.217	135.6	36.711	163.8	151.4	145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2	120.02	165.9	0.237	148.1	42.845	191.1	167.7	141.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6	124.09	159.6	0.226	141.2	40.040	178.6	159.4	141.9
1974																	
1-	0.394	116.9	0.970	124.7	4.613	107.7	*	-	107.7	114.02	146.7	0.297	185.6	44.897	200.3	161.7	138.7
2-	0.713	211.6	0.756	97.2	4.393	102.6			102.6	120.57	155.1	0.349	218.1	52.294	233.3	178.5	187.1
Aver.	0.434	134.7	0.806	103.6	4.468	104.3			104.3	119.01	153.1	0.336	210.0	50.407	224.9	174.4	151.4
1975																	
1-	0.626	185.8	1.395	179.3	6.355	148.4	8.444	198.7	168.5	139.633	179.6	0.310	193.8	52.221	233.0	188.9	187.5
2-	0.863	256.1	1.763	226.6	5.600	130.7			130.7	160.834	206.3	0.328	205.0	53.718	239.6	210.7	228.7
Aver.	0.677	200.9	1.471	189.1	6.245	145.8	8.444	198.7	165.2	144.117	185.4	0.314	196.3	52.644	234.9	193.9	194.7
1976																	
1-	0.884	262.3	1.931	248.2	7.281	169.9	*	-	169.9	173.339	223.0	0.307	191.9	62.213	277.5	224.3	241.6
2-	0.888	263.5	1.500	192.8	7.281	170.0	*	-	170.0	196.423	252.7	0.319	199.4	54.629	243.7	239.5	244.2
Aver.	0.886	262.9	1.740	223.6	7.281	170.0			170.0	177.243	228.0	0.310	193.7	60.122	268.2	226.9	242.0
1977																	
1-	0.744	220.8	*	-	8.699	203.1	7.800	183.5	188.6	136.425	175.5	0.253	158.1	46.622	208.0	170.1	199.4
2-	0.865	256.7	1.438	184.8	6.098	142.4	8.600	202.4	160.2	162.470	209.0	0.282	176.3	58.312	260.1	207.6	226.5
Aver.	0.841	249.6	1.438	184.8	6.809	159.0	7.962	187.3	174.8	144.252	185.6	0.261	163.1	54.338	242.4	183.8	215.1
1978																	
1-	0.983	291.7	*	-	7.388	172.5	*	-	172.5	210.000	270.1	0.355	221.9	*	-	253.0	270.4
2-	1.081	320.8	1.810	232.6	6.826	159.4	9.000	211.8	189.2	207.487	266.9	0.411	256.9	69.292	309.1	265.4	284.0
Aver.	1.014	300.9	1.985	255.1	7.021	163.9	9.231	217.2	183.2	207.668	267.1	0.404	252.5	61.5	309.1	264.2	273.6
1979																	
1-	0.794	235.6	2.150	276.3	8.063	188.3	22.798	536.4	224.9	204.815	263.5	0.416	260.0	79.594	355.1	270.0	265.4
2-	1.169	346.9	*	-	7.930	185.2	20.000	470.6	199.8	274.827	353.5	0.440	275.0	74.648	333.0	327.4	336.4
Aver.	0.946	280.7	2.162	277.9	7.975	186.2	21.384	503.2	208.4	234.394	301.5	0.427	266.9	77.075	343.8	294.2	292.9
1980																	
1-	#1.513	#449.0	2.137	274.7	8.714	203.5	*	-	203.5	241.083	310.1	0.481	300.6	78.956	352.2	315.1	367.4
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

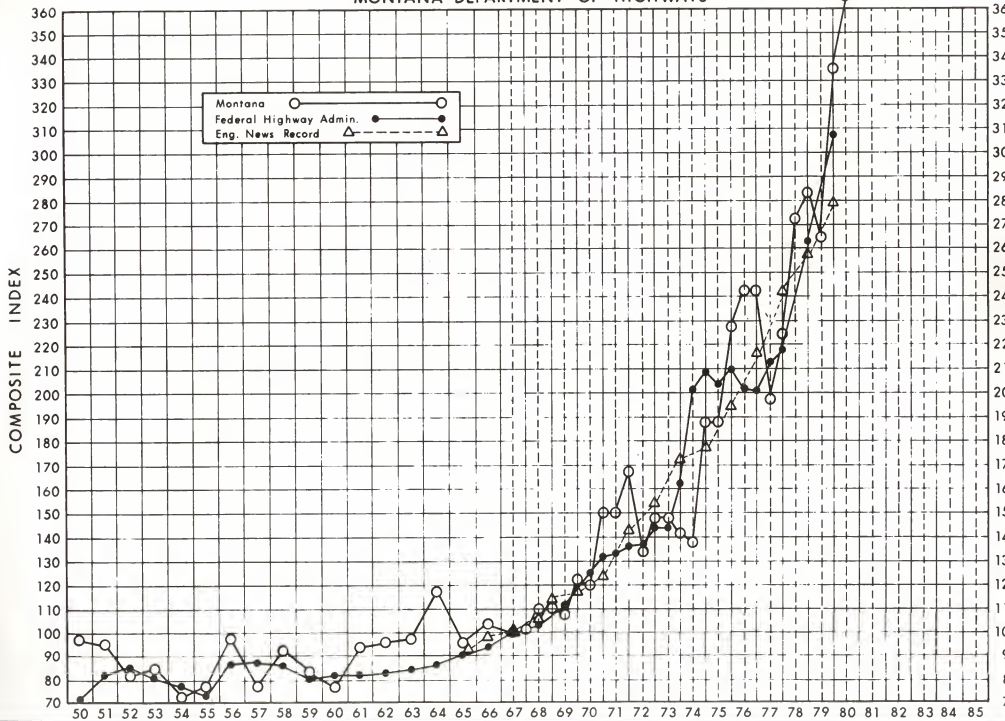
*Insufficient Sample--not used for computing index

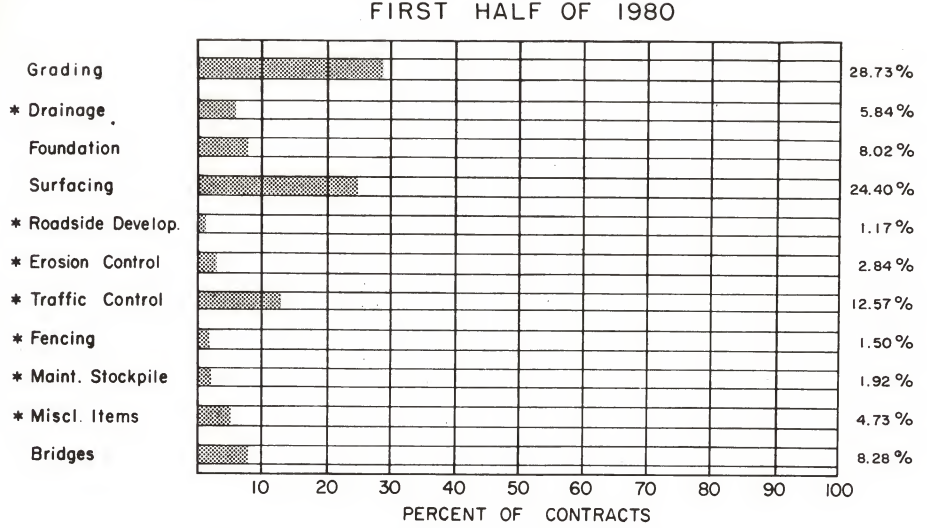
#Boulder Interstate Projects let June 19, 1980 are excluded from unclassified excavation.

PRICE TRENDS IN HIGHWAY CONSTRUCTION

1967 = 100

PLANNING AND RESEARCH BUREAU
MONTANA DEPARTMENT OF HIGHWAYS





DISTRIBUTION OF LOW BID TABULATIONS FOR MAJOR ITEMS

JANUARY 1, 1980 – JUNE 30, 1980

* Not Included In Price Index.

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

First Half of 1980

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	7	3	5	4	6	11	36
Total Contract Amounts	167,698	227,276	739,063	1,418,425	4,135,058	42,610,356	49,297,876
Average Contract Amount	23,937	75,759	147,813	354,606	689,176	3,873,669	1,369,385
Number Bidders	37	15	17	18	29	55	171
Average Number Bidders per Project	5.3	5	3.4	4.5	4.8	5	4.8

INFORMATION OBTAINED FROM BID TABULATIONS AND AWARD SHEETS

JSE/rw/3L

S
625.7
H3E
2nd half of 1980

DEPARTMENT OF HIGHWAYS

TED SCHWINDEN, GOVERNOR

2701 PROSPECT

STATE OF MONTANA

HELENA, MONTANA 59620

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PLEASE RETURN

Gentlemen:

Enclosed is one copy of the Montana Department of Highways Construction Cost Index for the second half of 1980.

This index, for the period July 1 to December 31, 1980, is computed at 305.0 as compared to the base year of 1967. This is a decrease of 133.3 points, or the equivalent of 20.5 percent, when compared to the previous six month period. When compared to the previous year the index has decreased 31.4 points.

The yearly composite index closes at 415.1 points. This is an increase of 122.2 points, or the equivalent of 41.7% when compared to the previous yearly average.

This unusual high cost index reflects the extreme high costs of unclassified excavation of Interstate projects near Boulder. The first half of 1980 has been adjusted to include these costs.

We hope this index is of interest to you as a means of following construction cost trends.

Sincerely,

James W. Hahn

James W. Hahn
Chief, Planning and Research Bureau

JWH:JSE:cp:8B

Enclosure

AN EQUAL OPPORTUNITY EMPLOYER

PLEASE RETURN

MONTANA CONSTRUCTION COST INDEX PRICE TRENDS

1967 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1950	0.358	106.2	0.856	110.0	4.819	112.5	*	-	112.5	62.510	80.4	0.146	91.3	*	-	82.0	97.9
1951	0.358	106.2	1.061	136.4	4.960	115.8	*	-	115.8	49.970	64.3	0.169	105.6	*	-	72.3	96.5
1952	0.228	67.7	0.800	102.8	4.637	108.3	*	-	108.3	68.070	87.6	0.167	104.4	*	-	91.3	81.6
1953	0.286	84.9	0.700	89.9	3.093	72.2	*	-	72.2	61.940	79.7	0.158	98.8	*	-	83.6	84.3
1954	0.211	62.6	0.650	83.5	2.588	60.4	*	-	60.4	58.255	74.9	0.138	86.4	*	-	77.3	69.7
1955	0.267	79.2	0.792	101.8	2.796	65.3	*	-	65.3	51.721	66.5	0.151	94.4	*	-	72.0	77.7
1956	0.342	101.5	0.929	119.4	3.984	93.0	*	-	93.0	59.345	76.3	0.174	108.8	*	-	82.3	95.6
1957	0.258	76.6	0.764	98.2	3.735	87.2	*	-	87.2	52.969	68.1	0.149	93.1	*	-	73.7	77.7
1958	0.313	92.9	0.829	106.6	3.305	77.2	*	-	77.2	66.971	86.1	0.154	96.3	*	-	88.5	91.2
1959	0.273	81.0	0.756	97.2	3.110	72.6	*	-	72.6	65.214	83.9	0.149	93.1	*	-	82.9	78.7
1960	0.258	76.6	0.601	77.2	2.870	67.0	*	-	67.0	62.196	80.0	0.149	93.1	*	-	83.2	74.9
1961	0.332	98.5	0.798	102.6	3.057	71.4	4.486	105.6	80.9	67.956	87.4	0.151	94.4	23.281	103.9	93.2	94.9
1962	0.358	106.2	0.684	87.9	2.963	69.2	5.501	129.4	96.0	68.409	88.0	0.139	86.9	20.383	90.9	88.7	96.4
1963	0.378	112.2	0.752	96.7	3.365	78.6	3.973	93.5	87.9	67.807	87.2	0.142	88.8	21.612	96.4	90.2	99.2
1964	0.510	151.3	0.837	107.6	3.425	80.0	3.796	89.3	88.1	72.179	92.8	0.144	90.0	22.364	99.8	94.5	118.4
1965	0.322	95.5	0.735	94.5	3.312	77.3	4.150	97.6	86.2	72.972	93.9	0.149	93.1	23.150	103.3	96.2	94.7
1966	0.393	116.6	0.701	90.1	3.992	93.2	*	-	93.2	69.836	89.8	0.152	95.0	24.158	107.8	93.5	104.1
1967	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0
1968	0.395	117.2	0.967	124.3	4.068	94.8	*	-	94.8	82.565	106.2	0.158	98.8	21.869	97.6	103.1	110.1
1969	0.443	131.5	0.845	108.6	3.737	87.3	4.316	101.6	91.3	80.668	103.8	0.153	95.6	25.219	112.5	102.9	115.7
1970	0.508	150.7	0.906	116.5	4.315	100.7			100.7	98.067	126.1	0.174	108.7	29.399	131.2	123.6	134.1
1971																	
1-	0.568	168.5	1.276	164.0	4.865	113.6	*	-	113.6	107.12	137.8	0.180	112.5	30.632	136.6	131.9	149.4
2-	0.715	212.1	1.234	158.6	4.962	115.8			115.8	106.91	137.5	0.176	110.0	29.855	133.2	131.1	167.9
Aver.	0.630	186.9	1.269	163.1	4.889	114.1			114.1	107.02	137.7	0.178	111.2	30.454	135.9	131.5	157.2
1972																	
1-	0.455	135.0	0.750	96.4	3.823	89.3	*	-	89.3	107.17	137.9	0.200	125.0	36.745	163.9	142.1	133.0
2-	0.501	148.7	0.963	123.8	4.519	105.5			105.5	118.78	152.8	0.202	126.2	33.890	151.2	148.0	144.3
Aver.	0.489	145.1	0.885	113.8	4.082	95.3			95.3	114.69	148.1	0.202	126.2	35.686	159.2	146.0	141.0
1973																	
1-	0.486	144.2	0.900	115.7	5.903	137.8	*	-	137.8	119.53	153.8	0.217	135.6	36.711	163.8	151.4	145.8
2-	0.425	126.1	0.775	99.6	3.863	90.2			90.2	120.02	165.9	0.237	148.1	42.845	191.1	167.7	141.3
Aver.	0.451	133.8	0.801	103.0	4.227	98.6			98.6	124.09	159.6	0.226	141.2	40.040	178.6	159.4	141.9
1974																	
1-	0.394	116.9	0.970	124.7	4.613	107.7	*	-	107.7	114.02	146.7	0.297	185.6	44.897	200.3	161.7	138.7
2-	0.713	211.6	0.756	97.2	4.393	102.6			102.6	120.57	155.1	0.349	218.1	52.294	233.3	178.5	187.1
Aver.	0.434	134.7	0.806	103.6	4.468	104.3			104.3	119.01	153.1	0.336	210.0	50.407	224.9	174.4	151.4
1975																	
1-	0.626	185.8	1.395	179.3	6.355	148.4	8.444	198.7	168.5	139.633	179.6	0.310	193.8	52.221	233.0	188.9	187.5
2-	0.863	256.1	1.763	226.6	5.600	130.7			130.7	160.834	206.3	0.328	205.0	53.718	239.6	210.7	228.7
Aver.	0.677	200.9	1.471	189.1	6.245	145.8	8.444	198.7	165.2	144.117	185.4	0.314	196.3	52.644	234.9	193.9	194.7
1976																	
1-	0.884	262.3	1.931	248.2	7.281	169.9	*	-	169.9	173.339	223.0	0.307	191.9	62.213	277.5	224.3	241.6
2-	0.888	263.5	1.500	192.8	7.281	170.0	*	-	170.0	196.423	252.7	0.319	199.4	54.629	243.7	239.5	244.2
Aver.	0.886	262.9	1.740	223.6	7.281	170.0			170.0	177.243	228.0	0.310	193.7	60.122	268.2	226.9	242.0
1977																	
1-	0.744	220.8	*	-	8.699	203.1	7.800	183.5	188.6	136.425	175.5	0.253	158.1	46.622	208.0	170.1	199.4
2-	0.865	256.7	1.438	184.8	6.098	142.4	8.600	202.4	160.2	162.470	209.0	0.282	176.3	58.312	260.1	207.6	226.5
Aver.	0.841	249.6	1.438	184.8	6.809	159.0	7.962	187.3	174.8	144.252	185.6	0.261	163.1	54.338	242.4	183.8	215.1
1978																	
1-	0.983	291.7	*	-	7.388	172.5	*	-	172.5	210.000	270.1	0.355	221.9	*	-	253.0	270.4
2-	1.081	320.8	1.810	232.6	6.826	159.4	9.000	211.8	189.2	207.487	266.9	0.411	256.9	69.292	309.1	265.4	284.0
Aver.	1.014	300.9	1.985	255.1	7.021	163.9	9.231	217.2	183.2	207.668	267.1	0.404	252.5	61.5	309.1	264.2	273.6
1979																	
1-	0.794	235.6	2.150	276.3	8.063	188.3	22.798	536.4	224.9	204.815	263.5	0.416	260.0	79.594	355.1	270.0	265.4
2-	1.169	346.9	*	-	7.930	185.2	20.000	470.6	199.8	274.827	353.5	0.440	275.0	74.648	333.0	327.4	336.4
Aver.	0.946	280.7	2.162	277.9	7.975	186.2	21.384	503.2	208.4	234.394	301.5	0.427	266.9	77.075	343.8	294.2	292.9
1980																	
1-	#2.051	#608.6	2.137	274.7	8.714	203.5	*	-	203.5	241.083	310.1	0.481	300.6	78.956	352.2	315.1	438.3
2-	1.011	300.0	5.000	642.7	10.344	241.5	*	-	241.5	211.658	272.3	0.431	269.4	63.137	281.7	272.2	305.0
Aver.	#1.918	#569.1	2.424	311.6	8.964	209.3	*	-	209.3	227.375	292.5	0.456	285.0	74.205	331.0	295.6	415.1
1967 Base	0.337	100.0	0.778	100.0	4.283	100.0	4.250	100.0	100.0	77.742	100.0	0.160	100.0	22.416	100.0	100.0	100.0

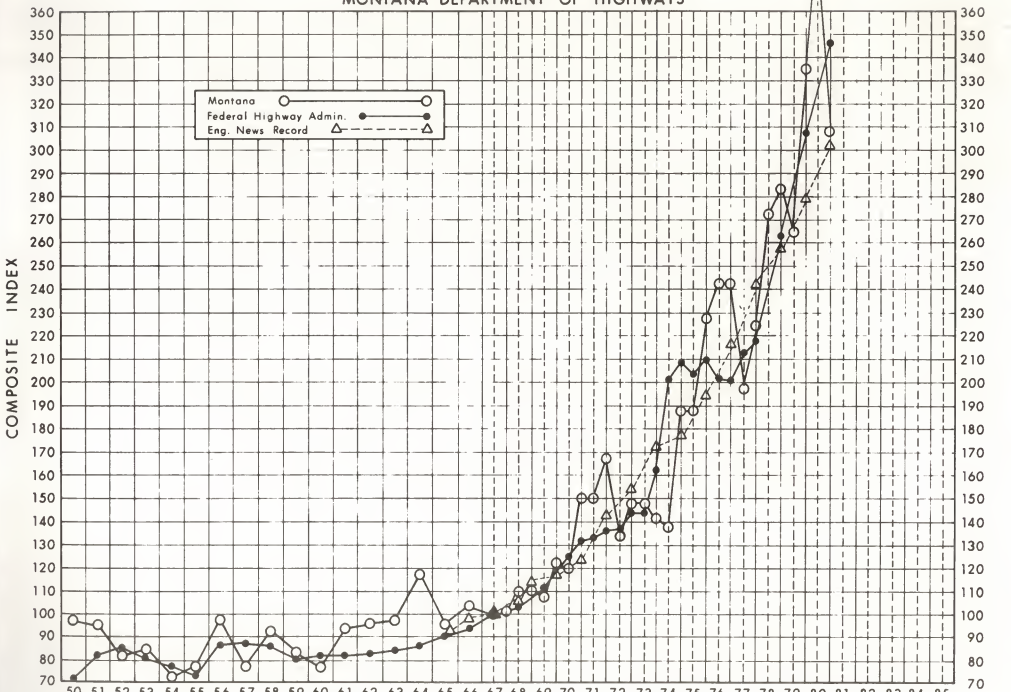
*Insufficient Sample--not used for computing index

#High Index rate of unclassified excavation is attributed to Boulder Interstate Project. First half 1980 has been adjusted to include these projects.

PRICE TRENDS IN HIGHWAY CONSTRUCTION

1967 = 100

PLANNING AND RESEARCH BUREAU
MONTANA DEPARTMENT OF HIGHWAYS



NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

Second Half of 1980

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	5	4	1	0	3	3	16
Total Contract Amounts	94,062	291,135	149,267	0	2,504,509	7,432,160	10,471,133
Average Contract Amount	18,1812	72,784	149,267	0	834,836	2,477,387	654,446
Number Bidders	29	27	6	0	27	24	113
Average Number Bidders per Project	5.8	6.8	6	0	6.8	8	7

Distributuion of Low Bid Tabulations for Major Items

Grading	11.10%	Traffic Control	8.55%
Drainage	7.95	Fencing	1.18
Foundation	6.58	Maintenance Stockpile	5.15
Surfacing	25.34	Miscl. Items	4.42
Roadside Development	2.30	Bridges	25.03
Erosion Control	2.40		

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NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

TOTAL YEAR 1980

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	12	7	6	4	9	14	52
Total Contract Amounts	261,760	518,411	888,330	1,418,425	6,639,567	50,042,516	59,769,009
Average Contract Amount	21,813	74,059	148,055	354,606	737,730	3,574,465	1,149,404
Number Bidders	66	42	23	18	56	79	284
Average Number Bidders per Project	5.5	6	3.8	4.5	6.2	5.6	5.5

Distributuion of Low Bid Tabulations for Major Items

Grading	24.00%	Traffic Control	11.49%
Drainage	6.41	Fencing	1.41
Foundation	7.63	Maintenance Stockpile	2.79
Surfacing	24.65	Miscl. Items	4.65
Roadside Development	1.48	Bridges	12.77
Erosion Control	2.72		

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1981

DEPARTMENT OF HIGHWAYS

TED SCHWINDEN, GOVERNOR

2701 PROSPECT

STATE OF MONTANA

HELENA, MONTANA 59620

PLEASE RETURN

STATE DOCUMENTS COLLECTION

MAY 24 1982

MONTANA STATE LIBRARY
930 E Lyndale Ave.
Helena, Montana 59601

May 14, 1982

0026:JWH
File:924

Gentlemen:

Enclosed is one copy of the Montana Department of Highways Construction Cost Index for 1981. Please note that a new 1977 base year has been used.

The yearly composite index closes at 131.8 points. This is a decrease of 60.6 points, or the equivalent of 31.5 percent when compared to the previous yearly average.

Since this is the start of a new base period, you may find that a simple review of methodology used in Montana Index will be helpful. This will also explain why variations occur between the Montana Cost Index and the price trends for Federal-Aid Highway Construction.

There are four major differences between the state and federal indexes. One difference is that all projects are used in the Montana Index, while the federal index limits its projects to only those over one half million dollars. A second factor is that Montana has chosen to retain a base quantity mile method of establishing relative weights. The current base quantity mile amount used is 187.432. Base course or rock represents a sizable portion of contracts and consequently is used as an individual indicator in the Montana Index. Base course is combined with unclassified excavation to form a single indicator for the federal index. A final difference between the two indexes is that due to the predominant use of prestressed concrete beams in structures, it is used as the indicator as opposed to the federal index using structural steel beams.

We hope this index is of interest to you as a means of following construction cost trends.

Sincerely,

James W. Hahn

James W. Hahn, Chief
Planning & Research Bureau

JWH/JSE/dk/8P

AN EQUAL OPPORTUNITY EMPLOYER

MONTANA CONSTRUCTION COST INDEX PRICE TRENDS

1977 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1967	.337	40.1	.778	53.8	4.283	62.9	4.250	53.4	59.2	77.742	53.9	.162	62.1	22.416	41.3	52.6	48.7
1968	.395	47.0	.967	66.9	4.068	59.7	-----	-----	59.7	82.565	57.2	.158	60.5	21.869	40.3	55.4	52.6
1969	.443	52.7	.845	58.5	3.737	54.9	4.316	54.2	54.7	80.668	55.9	.153	58.6	25.399	46.7	55.5	54.1
1970	.508	60.4	.906	62.7	4.315	63.4	-----	-----	63.4	98.067	67.9	.174	66.7	29.399	54.1	64.7	62.3
1971	.630	74.9	1.269	87.8	4.889	71.8	-----	-----	71.8	107.020	74.2	.178	68.2	30.454	56.1	71.2	74.3
1972	.489	58.1	.885	61.2	4.082	60.0	-----	-----	60.0	114.690	79.5	.202	77.4	35.686	65.7	76.5	62.8
1973	.451	53.6	.801	55.4	4.227	62.1	-----	-----	62.1	124.090	86.0	.226	86.6	40.040	73.7	83.8	62.0
1974	.434	51.6	.806	55.8	4.468	65.6	-----	-----	65.6	119.010	82.5	.336	128.7	50.407	92.7	94.5	64.0
1975	.677	80.5	1.471	101.8	6.245	91.7	8.444	106.1	103.4	144.117	99.9	.314	120.3	52.644	96.9	104.3	90.8
1976	.886	105.4	1.740	120.4	7.281	106.9	-----	-----	106.9	177.243	122.9	.310	118.8	60.122	110.6	120.0	110.0
1977	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0
1978																	
1-	.983	116.9	-----	-----	7.388	108.5	-----	-----	108.5	210.000	145.6	.355	136.0	-----	-----	142.2	120.7
2-	1.081	128.5	1.810	125.3	6.098	89.6	9.000	113.4	95.1	207.487	143.8	.411	157.5	69.292	127.5	147.0	124.1
Aver.	1.014	120.6	1.985	137.4	7.021	103.1	9.231	115.9	105.4	207.668	144.0	.404	154.8	69.292	127.5	146.5	123.2
1979																	
1-	.794	94.4	2.150	148.8	8.063	118.4	22.798	286.3	135.2	204.815	142.0	.416	159.4	75.594	146.5	148.1	129.5
2-	1.169	139.0	-----	-----	7.930	116.5	20.000	251.2	123.2	274.827	190.5	.440	168.6	74.648	137.4	179.0	154.5
Aver.	.946	112.5	2.162	150.0	7.975	117.1	21.384	268.6	127.2	234.394	162.5	.427	163.6	77.075	141.8	161.1	139.2
1980																	
1-	2.051	243.9	2.137	147.9	8.714	128.0	-----	-----	128.0	241.083	167.1	.481	184.3	78.956	145.3	168.3	201.1
2-	1.011	120.2	5.000	346.0	10.344	151.9	-----	-----	151.9	211.658	146.7	.431	165.1	63.137	116.2	150.0	146.6
Aver.	1.918	228.1	2.424	167.8	8.964	131.7	-----	-----	131.7	227.375	157.6	.456	174.7	74.205	136.6	159.4	192.4
1981																	
1-	1.048	124.6	-----	-----	7.360	108.1	-----	-----	108.1	162.865	112.9	.450	172.4	70.000	128.8	130.0	123.0
2-	1.028	122.2	2.502	173.2	9.189	135.0	-----	-----	135.0	322.319	223.4	.425	162.8	72.760	133.9	193.8	144.1
Aver.	1.043	124.0	2.502	173.2	8.256	121.3	-----	-----	121.3	202.774	140.6	.440	168.6	72.410	133.3	147.2	131.8
1977 Base Year =	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0

----Insufficient Sample not used for computing index.

dj:cp:23AA

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

First Half of 1981

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	5	3	3	2	8	11	32
Total Contract Amounts	143,294	250,355	542,440	763,487	6,298,017	34,753,407	42,751,000
Average Contract Amount	28,659	83,452	180,813	381,744	787,252	3,159,401	1,335,968
Number Bidders	53	31	25	13	78	84	284
Average Number Bidders per Project	10.6	10.3	8.3	6.5	9.8	7.6	8.9

Distributuion of Low Bid Tabulations for Major Items

Grading	13.73%	Traffic Control	6.55%
Drainage	5.32	Fencing	1.21
Foundation	6.46	Maintenance Stockpile	0.00
Surfacing	39.02	Miscl. Items	5.00
Roadise Development	.33	Bridges	20.63
Erosion Control	1.75		

JSE/cp/dj/8I

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

SECOND HALF OF 1981

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	10	8	2	4	6	13	44
Total Contract Amounts	262,162	507,928	296,855	1,412,544	4,363,752	32,462,119	39,305,360
Average Contract Amount	26,216	63,491	148,428	353,136	727,292	2,497,086	914,078
Number Bidders	46	49	8	16	33	85	237
Average Number Bidders per Project	4.6	6.1	4.0	4.0	5.5	6.1	5.5

Distributuion of Low Bid Tabulations for Major Items

Grading	10.06%	Traffic Control	7.76%
Drainage	3.67	Fencing	.75
Foundation	5.46	Maintenance Stockpile	4.07
Surfacing	46.07	Miscl. Items	4.94
Roadise Development	.87	Bridges	14.53
Erosion Control	1.82		

JSE/cp/dj/814

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

TOTAL YEAR 1981

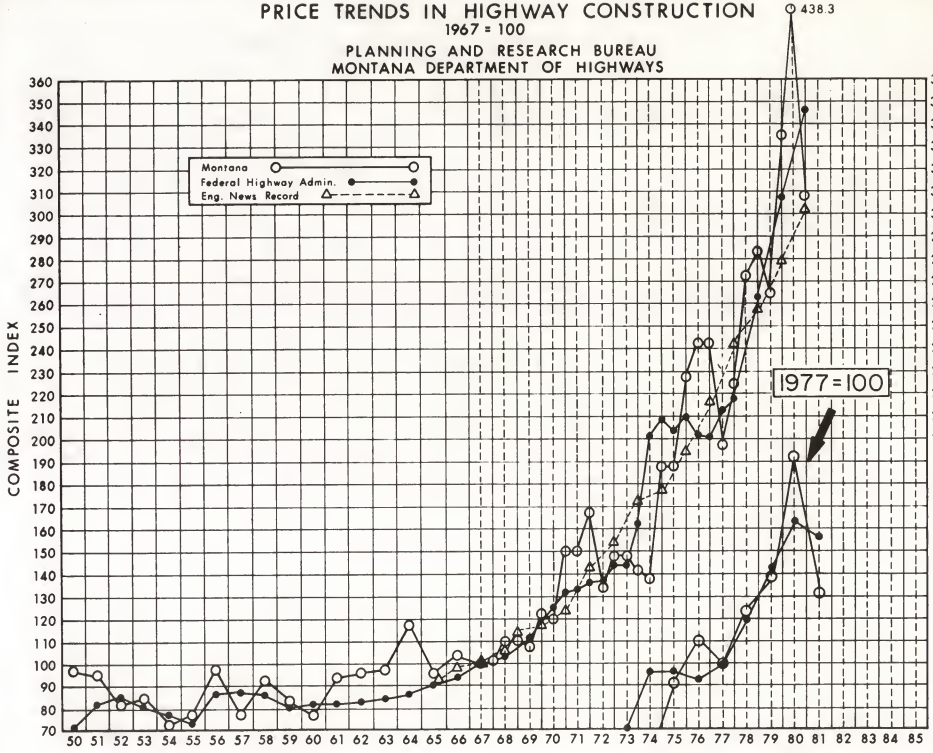
STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	15	11	5	6	14	24	75
Total Contract Amounts	405,456	758,283	839,295	2,176,031	10,661,769	67,215,526	82,056,359
Average Contract Amount	27,030	68,935	167,859	362,672	761,555	2,800,647	1,094,085
Number Bidders	99	80	33	29	111	169	21
Average Number Bidders per Project	6.6	7.3	6.6	4.8	7.9	7.1	7.0

Distributuion of Low Bid Tabulations for Major Items

Grading	11.94%	Traffic Control	7.14%
Drainage	4.51	Fencing	.99
Foundation	5.97	Maintenance Stockpile	1.99
Surfacing	42.47	Miscl. Items	4.98
Roadise Development	.59	Bridges	17.65
Erosion Control	1.78		

JSE/cp/dj/8I3


PRICE TRENDS IN HIGHWAY CONSTRUCTION
1967 = 100
PLANNING AND RESEARCH BUREAU
MONTANA DEPARTMENT OF HIGHWAYS
438.3
Montana
Federal Highway Admin.
Eng. News Record
1977=100
COMPOSITE INDEX
360 350 340 330 320 310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70
50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85

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DEPARTMENT OF HIGHWAYS

TED SCHWINDEN, GOVERNOR

2701 PROSPECT

STATE OF MONTANA

HELENA, MONTANA 59620

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August 4, 1982

File: 924

Gentlemen:

Enclosed is one copy of the Montana Department of Highways Construction Cost Index for the first half of 1982.

This index, for the period January 1 to June 30, is computed at 163.6 as compared to the base year of 1977. This is an increase of 19.5 points, or the equivalent of 13.5 percent, when compared to the previous six month period. When compared to the previous year the index has increased 40.6 points.

We hope this index is of interest to you as a means of following construction cost trends.

Sincerely,

Donald J. Opitz, Assistant Chief
Planning and Statistics Bureau

DJO:JSE:dj:5G

Enclosure

MONTANA CONSTRUCTION COST INDEX PRICE TRENDS

1977 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1967	.337	40.1	.778	53.8	4.283	62.9	4.250	53.4	59.2	77.742	53.9	.162	62.1	22.416	41.3	52.6	48.7
1968	.395	47.0	.967	66.9	4.068	59.7	-----	-----	59.7	82.565	57.2	.158	60.5	21.869	40.3	55.4	52.6
1969	.443	52.7	.845	58.5	3.737	54.9	4.316	54.2	54.7	80.668	55.9	.153	58.6	25.399	46.7	55.5	54.1
1970	.508	60.4	.906	62.7	4.315	63.4	-----	-----	63.4	98.067	67.9	.174	66.7	29.399	54.1	64.7	62.3
1971	.630	74.9	1.269	87.8	4.889	71.8	-----	-----	71.8	107.020	74.2	.178	68.2	30.454	56.1	71.2	74.3
1972	.489	58.1	.885	61.2	4.082	60.0	-----	-----	60.0	114.690	79.5	.202	77.4	35.686	65.7	76.5	62.8
1973	.451	53.6	.801	55.4	4.227	62.1	-----	-----	62.1	124.090	86.0	.226	86.6	40.040	73.7	83.8	62.0
1974	.434	51.6	.806	55.8	4.468	65.6	-----	-----	65.6	119.010	82.5	.336	128.7	50.407	92.7	94.5	64.0
1975	.677	80.5	1.471	101.8	6.245	91.7	8.444	106.1	103.4	144.117	99.9	.314	120.3	52.644	96.9	104.3	90.8
1976	.886	105.4	1.740	120.4	7.281	106.9	-----	-----	106.9	177.243	122.9	.310	118.8	60.122	110.6	120.0	110.0
1977	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0
1978																	
1-	.983	116.9	-----	-----	7.388	108.5	-----	-----	108.5	210.000	145.6	.355	136.0	-----	-----	142.2	120.7
2-	1.081	128.5	1.810	125.3	6.098	89.6	9.000	113.4	95.1	207.487	143.8	.411	157.5	69.292	127.5	147.0	124.1
Aver.	1.014	120.6	1.985	137.4	7.021	103.1	9.231	115.9	105.4	207.668	144.0	.404	154.8	69.292	127.5	146.5	123.2
1979																	
1-	.794	94.4	2.150	148.8	8.063	118.4	22.798	286.3	135.2	204.815	142.0	.416	159.4	75.594	146.5	148.1	129.5
2-	1.169	139.0	-----	-----	7.930	116.5	20.000	251.2	123.2	274.827	190.5	.440	168.6	74.648	137.4	179.0	154.5
Aver.	.946	112.5	2.162	150.0	7.975	117.1	21.384	268.6	127.2	234.394	162.5	.427	163.6	77.075	141.8	161.1	139.2
1980																	
1-	2.051	243.9	2.137	147.9	8.714	128.0	-----	-----	128.0	241.083	167.1	.481	184.3	78.956	145.3	168.3	201.1
2-	1.011	120.2	5.000	346.0	10.344	151.9	-----	-----	151.9	211.658	146.7	.431	165.1	63.137	116.2	150.0	146.6
Aver.	1.918	228.1	2.424	167.8	8.964	131.7	-----	-----	131.7	227.375	157.6	.456	174.7	74.205	136.6	159.4	192.4
1981																	
1-	1.048	124.6	-----	-----	7.360	108.1	-----	-----	108.1	162.865	112.9	.450	172.4	70.000	128.8	130.0	123.0
2-	1.028	122.2	2.502	173.2	9.189	135.0	-----	-----	135.0	322.319	223.4	.425	162.8	72.760	133.9	193.8	144.1
Aver.	1.043	124.0	2.502	173.2	8.256	121.3	-----	-----	121.3	202.774	140.6	.440	168.6	72.410	133.3	147.2	131.8
1982																	
1-	1.293	153.7	2.282	157.9	9.247	135.0	18.000	226.1	142.1	293.234	203.3	.423	162.1	67.060	123.4	174.1	163.6
1977 Base Year =	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0

----Insufficient Sample not used for computing index.

dj:cp:23AA

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

First Half of 1982

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	6	4	6	13	8	11	48
Total Contract Amounts	132,945	293,504	1,063,470	4,462,408	5,675,356	25,585,339	37,213,022
Average Contract Amount	22,157	73,376	177,245	343,262	709,420	2,325,940	775,271
Number Bidders	35	31	53	73	38	58	288
Average Number Bidders per Project	5.8	7.8	8.8	5.6	4.8	5.3	6

Distributuion of Low Bid Tabulations for Major Items

Grading	14.69%	Traffic Control	7.28%
Drainage	5.83	Fencing	.76
Foundation	6.68	Maintenance Stockpile	4.43
Surfacing	43.34	Miscl. Items	4.47
Roadside Development	.47	Bridges	9.61
Erosion Control	2.44		

JSE/sb/8C

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DEPARTMENT OF HIGHWAYS

TED SCHWINDEN, GOVERNOR

2701 PROSPECT

STATE OF MONTANA

HELENA, MONTANA 59620

PLEASE RETURN

January 26, 1982

STATE DOCUMENTS COLLECTION

FEB 3 - 1983

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HELENA, MONTANA 59620

Gentlemen:

Enclosed is one copy of the Montana Department of Highways' Construction Cost Index for the second half of 1982.

This index, for the period June 30 to December 31, is computed at 173.1 as compared to the base year of 1977. This is an increase of 9.5 points, or the equivalent of 6.0 percent, when compared to the previous six month period. When compared to the previous year the index has increased 41.3 points.

We hope this index is of interest to you as a means of following construction cost trends.

Sincerely,

Robert E. Champion, P.E., Administrator
Program Development Division

REC:JSE:cp:3L

Enclosure

MONTANA CONSTRUCTION COST INDEX PRICE TRENDS

1977 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1967	.337	40.1	.778	53.8	4.283	62.9	4.250	53.4	59.2	77.742	53.9	.162	62.1	22.416	41.3	52.6	48.7
1968	.395	47.0	.967	66.9	4.068	59.7	-----	-----	59.7	82.565	57.2	.158	60.5	21.869	40.3	55.4	52.6
1969	.443	52.7	.845	58.5	3.737	54.9	4.316	54.2	54.7	80.668	55.9	.153	58.6	25.399	46.7	55.5	54.1
1970	.508	60.4	.906	62.7	4.315	63.4	-----	-----	63.4	98.067	67.9	.174	66.7	29.399	54.1	64.7	62.3
1971	.630	74.9	1.269	87.8	4.889	71.8	-----	-----	71.8	107.020	74.2	.178	68.2	30.454	56.1	71.2	74.3
1972	.489	58.1	.885	61.2	4.082	60.0	-----	-----	60.0	114.690	79.5	.202	77.4	35.686	65.7	76.5	62.8
1973	.451	53.6	.801	55.4	4.227	62.1	-----	-----	62.1	124.090	86.0	.226	86.6	40.040	73.7	83.8	62.0
1974	.434	51.6	.806	55.8	4.468	65.6	-----	-----	65.6	119.010	82.5	.336	128.7	50.407	92.7	94.5	64.0
1975	.677	80.5	1.471	101.8	6.245	91.7	8.444	106.1	103.4	144.117	99.9	.314	120.3	52.644	96.9	104.3	90.8
1976	.886	105.4	1.740	120.4	7.281	106.9	-----	-----	106.9	177.243	122.9	.310	118.8	60.122	110.6	120.0	110.0
1977	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0
1978																	
1-	.983	116.9	-----	-----	7.388	108.5	-----	-----	108.5	210.000	145.6	.355	136.0	-----	-----	142.2	120.7
2-	1.081	128.5	1.810	125.3	6.098	89.6	9.000	113.4	95.1	207.487	143.8	.411	157.5	69.292	127.5	147.0	124.1
Aver.	1.014	120.6	1.985	137.4	7.021	103.1	9.231	115.9	105.4	207.668	144.0	.404	154.8	69.292	127.5	146.5	123.2
1979																	
1-	.794	94.4	2.150	148.8	8.063	118.4	22.798	286.3	135.2	204.815	142.0	.416	159.4	75.594	146.5	148.1	129.5
2-	1.169	139.0	-----	-----	7.930	116.5	20.000	251.2	123.2	274.827	190.5	.440	168.6	74.648	137.4	179.0	154.5
Aver.	.946	112.5	2.162	150.0	7.975	117.1	21.384	268.6	127.2	234.394	162.5	.427	163.6	77.075	141.8	161.1	139.2
1980																	
1-	2.051	243.9	2.137	147.9	8.714	128.0	-----	-----	128.0	241.083	167.1	.481	184.3	78.956	145.3	168.3	201.1
2-	1.011	120.2	5.000	346.0	10.344	151.9	-----	-----	151.9	211.658	146.7	.431	165.1	63.137	116.2	150.0	146.6
Aver.	1.918	228.1	2.424	167.8	8.964	131.7	-----	-----	131.7	227.375	157.6	.456	174.7	74.205	136.6	159.4	192.4
1981																	
1-	1.048	124.6	-----	-----	7.360	108.1	-----	-----	108.1	162.865	112.9	.450	172.4	70.000	128.8	130.0	123.0
2-	1.028	122.2	2.502	173.2	9.189	135.0	-----	-----	135.0	322.319	223.4	.425	162.8	72.760	133.9	193.8	144.1
Aver.	1.043	124.0	2.502	173.2	8.256	121.3	-----	-----	121.3	202.774	140.6	.440	168.6	72.410	133.3	147.2	131.8
1982																	
1-	1.293	153.7	2.282	157.9	9.247	135.0	18.000	226.1	142.1	293.234	203.3	.423	162.1	67.060	123.4	174.1	163.6
2-	1.699	202.0	2.917	201.9	8.742	128.4	-----	-----	128.4	237.713	164.8	.480	183.9	89.857	165.4	170.7	182.1
Aver.	1.472	175.0	2.601	180.0	9.006	132.3	18.000	226.1	136.1	260.938	180.9	.456	174.7	74.361	136.9	170.5	173.1
1977 Base Year =	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0

----Insufficient Sample not used for computing index.

sb:23AA

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

SECOND HALF OF 1982

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	3	6	2	2	7	11	31
Total Contract Amounts	$53,811	406,806	257,712	625,860	5,173,652	31,235,506	37,753,347
Average Contract Amount	17,937	67,801	128,856	312,930	739,093	2,839,591	1,217,850
Number Bidders	10	28	15	16	22	59	150
Average Number Bidders per Project	3.3	4.5	7.5	8.0	3.1	5.4	4.8

Distributuion of Low Bid Tabulations for Major Items

Grading	13.0%	Traffic Control	12.1%
Drainage	6.0	Fencing	.8
Foundation	7.6	Maintenance Stockpile	5.5
Surfacing	34.8	Miscl. Items	4.4
Roadside Development	.7	Bridges	12.8
Erosion Control	2.3		

JEH/sb/9F

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

TOTAL YEAR 1983

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	9	10	8	15	15	22	79
Total Contract Amounts	$186,757	700,311	1,321,183	5,088,268	6,129,722	56,820,845	70,310,086
Average Contract Amount	20,751	70,031	165,148	339,218	412,848	2,582,766	890,001
Number Bidders	45	59	68	89	60	117	438
Average Number Bidders per Project	5.0	5.9	8.5	5.9	4.0	5.3	5.9

Distributuion of Low Bid Tabulations for Major Items

Grading	13.8%	Traffic Control	9.8%
Drainage	5.9	Fencing	.8
Foundation	7.6	Maintenance Stockpile	5.0
Surfacing	38.9	Miscl. Items	4.5
Roadside Development	.6	Bridges	11.2
Erosion Control	2.4		

JEH/sb/9F2

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Aug. 1983
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DEPARTMENT OF HIGHWAYS

PLEASE RETURN

TED SCHWINDEN, GOVERNOR

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STATE OF MONTANA

HELENA, MONTANA 59620

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August 10, 1983

File: 924

Gentlemen:

Enclosed is one copy of the Montana Department of Highways Construction Cost Index for the first half of 1983.

This index, for the period January 1, to June 30, is computed at 150.1 as compared to the base year of 1977. This is a decrease of 32 points, or the equivalent of 17.6 percent, when compared to the previous six month period. When compared to the previous year the index has decreased 13.5 points.

Small usage of base course has made the bid price and index of foundation material far higher than normal.

We hope this index is of interest to you as a means of following construction cost trends.

Sincerely,

Robert E. Champion, P.E., Administrator
Program Development Division

REC/JSE/sf/3B

Enclosure

AN EQUAL OPPORTUNITY EMPLOYER

MONTANA CONSTRUCTION COST INDEX PRICE TRENDS

1977 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1967	.337	40.1	.778	53.8	4.283	62.9	4.250	53.4	59.2	77.742	53.9	.162	62.1	22.416	41.3	52.6	48.7
1968	.395	47.0	.967	66.9	4.068	59.7	-----	-----	59.7	82.565	57.2	.158	60.5	21.869	40.3	55.4	52.6
1969	.443	52.7	.845	58.5	3.737	54.9	4.316	54.2	54.7	80.668	55.9	.153	58.6	25.399	46.7	55.5	54.1
1970	.508	60.4	.906	62.7	4.315	63.4	-----	-----	63.4	98.067	67.9	.174	66.7	29.399	54.1	64.7	62.3
1971	.630	74.9	1.269	87.8	4.889	71.8	-----	-----	71.8	107.020	74.2	.178	68.2	30.454	56.1	71.2	74.3
1972	.489	58.1	.885	61.2	4.082	60.0	-----	-----	60.0	114.690	79.5	.202	77.4	35.686	65.7	76.5	62.8
1973	.451	53.6	.801	55.4	4.227	62.1	-----	-----	62.1	124.090	86.0	.226	86.6	40.040	73.7	83.8	62.0
1974	.434	51.6	.806	55.8	4.468	65.6	-----	-----	65.6	119.010	82.5	.336	128.7	50.407	92.7	94.5	64.0
1975	.677	80.5	1.471	101.8	6.245	91.7	8.444	106.1	103.4	144.117	99.9	.314	120.3	52.644	96.9	104.3	90.8
1976	.886	105.4	1.740	120.4	7.281	106.9	-----	-----	106.9	177.243	122.9	.310	118.8	60.122	110.6	120.0	110.0
1977	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0
1978																	
1-	.983	116.9	-----	-----	7.388	108.5	-----	-----	108.5	210.000	145.6	.355	136.0	-----	-----	142.2	120.7
2-	1.081	128.5	1.810	125.3	6.098	89.6	9.000	113.4	95.1	207.487	143.8	.411	157.5	69.292	127.5	147.0	124.1
Aver.	1.014	120.6	1.985	137.4	7.021	103.1	9.231	115.9	105.4	207.668	144.0	.404	154.8	69.292	127.5	146.5	123.2
1979																	
1-	.794	94.4	2.150	148.8	8.063	118.4	22.798	286.3	135.2	204.815	142.0	.416	159.4	75.594	146.5	148.1	129.5
2-	1.169	139.0	-----	-----	7.930	116.5	20.000	251.2	123.2	274.827	190.5	.440	168.6	74.648	137.4	179.0	154.5
Aver.	.946	112.5	2.162	150.0	7.975	117.1	21.384	268.6	127.2	234.394	162.5	.427	163.6	77.075	141.8	161.1	139.2
1980																	
1-	2.051	243.9	2.137	147.9	8.714	128.0	-----	-----	128.0	241.083	167.1	.481	184.3	78.956	145.3	168.3	201.1
2-	1.011	120.2	5.000	346.0	10.344	151.9	-----	-----	151.9	211.658	146.7	.431	165.1	63.137	116.2	150.0	146.6
Aver.	1.918	228.1	2.424	167.8	8.964	131.7	-----	-----	131.7	227.375	157.6	.456	174.7	74.205	136.6	159.4	192.4
1981																	
1-	1.048	124.6	-----	-----	7.360	108.1	-----	-----	108.1	162.865	112.9	.450	172.4	70.000	128.8	130.0	123.0
2-	1.028	122.2	2.502	173.2	9.189	135.0	-----	-----	135.0	322.319	223.4	.425	162.8	72.760	133.9	193.8	144.1
Aver.	1.043	124.0	2.502	173.2	8.256	121.3	-----	-----	121.3	202.774	140.6	.440	168.6	72.410	133.3	147.2	131.8
1982																	
1-	1.293	153.7	2.282	157.9	9.247	135.0	18.000	226.1	142.1	293.234	203.3	.423	162.1	67.060	123.4	174.1	163.6
2-	1.699	202.0	2.917	201.9	8.742	128.4	-----	-----	128.4	237.713	164.8	.480	183.9	89.857	165.4	170.7	182.1
Aver.	1.472	175.0	2.601	180.0	9.006	132.3	18.000	226.1	136.1	260.938	180.9	.456	174.7	74.361	136.9	170.5	173.1
1983																	
1-	1.034	123.0	5.398	373.7	10.617	155.9	10.250	128.7	148.5	232.039	160.9	.385	147.5	83.740	154.1	156.1	150.1
1977 Base Year =	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0

----Insufficient Sample not used for computing index.

sw/sf/23AA

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

FIRST HALF OF 1983

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	10	7	3	3	12	17	52
Total Contract Amounts	$241,460	511,266	512,441	848,837	9,087,627	49,337,140	60,538,771
Average Contract Amount	$24,146	73,038	170,814	282,946	757,302	2,902,185	1,164,207
Number Bidders	59	46	26	19	60	76	263
Average Number Bidders per Project	5.9	6.6	8.7	6.7	5.0	4.5	5.1

Distributuion of Low Bid Tabulations for Major Items

Grading	13.9%	Traffic Control	6.7%
Drainage	5.7	Fencing	.8
Foundation	9.6	Maintenance Stockpile	3.3
Surfacing	43.6	Miscl. Items	4.6
Roadside Development	.9	Bridges	8.5
Erosion Control	2.3		

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First Half FY83

DEPARTMENT OF HIGHWAYS

TED SCHWINDEN, GOVERNOR

2701 PROSPECT

STATE OF MONTANA

HELENA, MONTANA 59620

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August 10, 1983

File: 924

Gentlemen:

Enclosed is one copy of the Montana Department of Highways Construction Cost Index for the first half of 1983.

This index, for the period January 1, to June 30, is computed at 150.1 as compared to the base year of 1977. This is a decrease of 32 points, or the equivalent of 17.6 percent, when compared to the previous six month period. When compared to the previous year the index has decreased 13.5 points.

Small usage of base course has made the bid price and index of foundation material far higher than normal.

We hope this index is of interest to you as a means of following construction cost trends.

Sincerely,

Robert E. Champion, P.E., Administrator
Program Development Division

REC/JSE/sf/3B

Enclosure

PLEASE RETURN

MONTANA CONSTRUCTION COST INDEX PRICE TRENDS

1977 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1967	.337	40.1	.778	53.8	4.283	62.9	4.250	53.4	59.2	77.742	53.9	.162	62.1	22.416	41.3	52.6	48.7
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1969	.443	52.7	.845	58.5	3.737	54.9	4.316	54.2	54.7	80.668	55.9	.153	58.6	25.399	46.7	55.5	54.1
1970	.508	60.4	.906	62.7	4.315	63.4	-----	-----	63.4	98.067	67.9	.174	66.7	29.399	54.1	64.7	62.3
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sw/sf/23AA

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

FIRST HALF OF 1983

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

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Roadside Development	.9	Bridges	8.5
Erosion Control	2.3		

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DEPARTMENT OF HIGHWAYS

TED SCHWINDEN, GOVERNOR

2701 PROSPECT

STATE OF MONTANA

HELENA MONTANA 59620

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January 19, 1984

Attached is one copy of Montana Construction Cost Index Price Trends for the second half of 1983 computed on a 1977 base year.

End of the year index average of 155.7 shows a decrease of 17.4 points when contrasted to the 1982 index average. The second half year index stands at 163.2 which is an increase of 13.1 points over the first six months of 1983.

Sincerely,

Robert E. Champion, P.E., Administrator
Program Development Division

REC:JSE:sk:3a hh

AN EQUAL OPPORTUNITY EMPLOYER

MONTANA CONSTRUCTION COST INDEX PRICE TRENDS

1977 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING						STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX		STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX			BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1967	.337	40.1	.778	53.8	4.283	62.9	4.250	53.4	59.2		77.742	53.9	.162	62.1	22.416	41.3	52.6	48.7
1968	.395	47.0	.967	66.9	4.068	59.7	------	-----	59.7		82.565	57.2	.158	60.5	21.869	40.3	55.4	52.6
1969	.443	52.7	.845	58.5	3.737	54.9	4.316	54.2	54.7		80.668	55.9	.153	58.6	25.399	46.7	55.5	54.1
1970	.508	60.4	.906	62.7	4.315	63.4	------	-----	63.4		98.067	67.9	.174	66.7	29.399	54.1	64.7	62.3
1971	.630	74.9	1.269	87.8	4.889	71.8	------	-----	71.8		107.020	74.2	.178	68.2	30.454	56.1	71.2	74.3
1972	.489	58.1	.885	61.2	4.082	60.0	------	-----	60.0		114.690	79.5	.202	77.4	35.686	65.7	76.5	62.8
1973	.451	53.6	.801	55.4	4.227	62.1	------	-----	62.1		124.090	86.0	.226	86.6	40.040	73.7	83.8	62.0
1974	.434	51.6	.806	55.8	4.468	65.6	------	-----	65.6		119.010	82.5	.336	128.7	50.407	92.7	94.5	64.0
1975	.677	80.5	1.471	101.8	6.245	91.7	8.444	106.1	103.4		144.117	99.9	.314	120.3	52.644	96.9	104.3	90.8
1976	.886	105.4	1.740	120.4	7.281	106.9	------	-----	106.9		177.243	122.9	.310	118.8	60.122	110.6	120.0	110.0
1977	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0		144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0
1978	1.014	120.6	1.985	137.4	7.021	103.1	9.231	115.9	105.4		207.668	144.0	.404	154.8	69.292	127.5	146.5	123.2
1979																		
1-	.794	94.4	2.150	148.8	8.063	118.4	22.798	286.3	135.2		204.815	142.0	.416	159.4	75.594	146.5	148.1	129.5
2-	1.169	139.0	-----	-----	7.930	116.5	20.000	251.2	123.2		274.827	190.5	.440	168.6	74.648	137.4	179.0	154.5
Aver.	.946	112.5	2.162	150.0	7.975	117.1	21.384	268.6	127.2		234.394	162.5	.427	163.6	77.075	141.8	161.1	139.2
1980																		
1-	2.051	243.9	2.137	147.9	8.714	128.0	------	-----	128.0		241.083	167.1	.481	184.3	78.956	145.3	168.3	201.1
2-	1.011	120.2	5.000	346.0	10.344	151.9	------	-----	151.9		211.658	146.7	.431	165.1	63.137	116.2	150.0	146.6
Aver.	1.918	228.1	2.424	167.8	8.964	131.7	------	-----	131.7		227.375	157.6	.456	174.7	74.205	136.6	159.4	192.4
1981																		
1-	1.048	124.6	-----	-----	7.360	108.1	------	-----	108.1		162.865	112.9	.450	172.4	70.000	128.8	130.0	123.0
2-	1.028	122.2	2.502	173.2	9.189	135.0	------	-----	135.0		322.319	223.4	.425	162.8	72.760	133.9	193.8	144.1
Aver.	1.043	124.0	2.502	173.2	8.256	121.3	------	-----	121.3		202.774	140.6	.440	168.6	72.410	133.3	147.2	131.8
1982																		
1-	1.293	153.7	2.282	157.9	9.247	135.0	18.000	226.1	142.1		293.234	203.3	.423	162.1	67.060	123.4	174.1	163.6
2-	1.699	202.0	2.917	201.9	8.742	128.4	------	-----	128.4		237.713	164.8	.480	183.9	89.857	165.4	170.7	182.1
Aver.	1.472	175.0	2.601	180.0	9.006	132.3	18.000	226.1	136.1		260.938	180.9	.456	174.7	74.361	136.9	170.5	173.1
1983																		
1-	1.034	123.0	5.398	373.7	10.617	155.9	10.250	128.7	148.5		232.039	160.9	.385	147.5	83.740	154.1	156.1	150.1
2-	1.093	130.0	6.670	461.9	10.648	156.4	------	-----	156.4		244.947	169.8	.417	159.8	69.091	127.2	164.4	163.2
Aver.	1.073	127.6	6.057	419.2	10.634	156.2	10.250	128.7	152.2		236.061	163.6	.396	151.7	82.468	151.8	158.2	155.7
1977 Base Year =	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0		144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0

----Insufficient Sample not used for computing index.

JSE/sw/206c

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PROGRAM DEVELOPMENT DIVISION

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

SECOND HALF OF 1983

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	3	1	3	2	4	15	28
Total Contract Amounts	$43,844	$50,450	$527,031	$961,434	$2,985,772	$63,188,523	$67,757,054
Average Contract Amount	14,615	50,450	175,677	480,717	746,443	4,212,568	2,419,895
Number Bidders	21	5	15	8	23	103	175
Average Number Bidders per Project	7.0	5.0	5.0	4.0	5.8	6.8	6.2

Distributuion of Low Bid Tabulations for Major Items

Grading	19.2	Traffic Control	5.7
Drainage	5.5	Fencing	.5
Foundation	4.6	Maintenance Stockpile	2.5
Surfacing	49.0	Miscl. Items	5.0
Roadside Development	.5	Bridges	5.2
Erosion Control	2.3		

JSE/sk/2f

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PROGRAM DEVELOPMENT DIVISION

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

TOTAL YEAR -- 1983

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	13	8	6	5	16	32	80
Total Contract Amounts	$285,304	$563,634	$1,039,473	$1,816,179	$12,073,399	$112,525,662	$128,303,651
Average Contract Amount	21,946	70,454	173,245	363,236	754,587	3,516,427	1,603,796
Number Bidders	80	51	41	27	83	179	461
Average Number Bidders per Project	6.2	6.4	6.8	5.4	3.8	5.6	5.8

Distributuion of Low Bid Tabulations for Major Items

Grading	16.8	Traffic Control	6.2
Drainage	5.6	Fencing	.6
Foundation	7.0	Maintenance Stockpile	2.8
Surfacing	46.5	Miscl. Items	4.8
Roadside Development	.7	Bridges	6.7
Erosion Control	2.3		

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DEPARTMENT OF HIGHWAYS

TED SCHWINDEN, GOVERNOR

2701 PROSPECT

STATE OF MONTANA

HELENA, MONTANA 59620

PLEASE RETURN

August 10, 1984

STATE DOCUMENTS COLLECTION

AUG 17 1984

MONTANA STATE LIBRARY
1515 E. 6th AVE.
HELENA, MONTANA 59620

Gentlemen:

Attached is the Montana Cost Index Price Trends for the first half of 1984, computed on a 1977 base year.

The composite index standing at 221.6 is 58.4 points above the previous year end index and represents a change of 35.8 percent.

Unclassified excavation is the chief factor in the increase of this index. 86% of the cost of this indicator involved three major Interstate projects located in narrow canyons.

We hope this information is of interest to you in following price trends in this area.

Sincerely,

Robert E. Champion, P.E., Administrator
Program Development Division

REC:JE:sk:3r

AN EQUAL OPPORTUNITY EMPLOYER

MONTANA CONSTRUCTION COST INDEX PRICE TRENDS

1977 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1967	.337	40.1	.778	53.8	4.283	62.9	4.250	53.4	59.2	77.742	53.9	.162	62.1	22.416	41.3	52.6	48.7
1968	.395	47.0	.967	66.9	4.068	59.7	------	-----	59.7	82.565	57.2	.158	60.5	21.869	40.3	55.4	52.6
1969	.443	52.7	.845	58.5	3.737	54.9	4.316	54.2	54.7	80.668	55.9	.153	58.6	25.399	46.7	55.5	54.1
1970	.508	60.4	.906	62.7	4.315	63.4	------	-----	63.4	98.067	67.9	.174	66.7	29.399	54.1	64.7	62.3
1971	.630	74.9	1.269	87.8	4.889	71.8	------	-----	71.8	107.020	74.2	.178	68.2	30.454	56.1	71.2	74.3
1972	.489	58.1	.885	61.2	4.082	60.0	------	-----	60.0	114.690	79.5	.202	77.4	35.686	65.7	76.5	72.8
1973	.451	53.6	.801	55.4	4.227	62.1	------	-----	62.1	124.090	86.0	.226	86.6	40.040	73.7	83.8	82.0
1974	.434	51.6	.806	55.8	4.468	65.6	------	-----	65.6	119.010	82.5	.336	128.7	50.407	92.7	94.5	64.0
1975	.677	80.5	1.471	101.8	6.245	91.7	8.444	106.1	103.4	144.117	99.9	.314	120.3	52.644	96.9	104.3	90.8
1976	.886	105.4	1.740	120.4	7.281	106.9	------	-----	106.9	177.243	122.9	.310	118.8	60.122	110.6	120.0	110.0
1977	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0
1978	1.014	120.6	1.985	137.4	7.021	103.1	9.231	115.9	105.4	207.668	144.0	.404	154.8	69.292	127.5	146.5	123.2
1979																	
1-	.794	94.4	2.150	148.8	8.063	118.4	22.798	286.3	135.2	204.815	142.0	.416	159.4	75.594	146.5	148.1	129.5
2-	1.169	139.0	-----	-----	7.930	116.5	20.000	251.2	123.2	274.827	190.5	.440	168.6	74.648	137.4	179.0	154.5
Aver.	.946	112.5	2.162	150.0	7.975	117.1	21.384	268.6	127.2	234.394	162.5	.427	163.6	77.075	141.8	161.1	139.2
1980																	
1-	2.051	243.9	2.137	147.9	8.714	128.0	------	-----	128.0	241.083	167.1	.481	184.3	78.956	145.3	168.3	201.1
2-	1.011	120.2	5.000	346.0	10.344	151.9	------	-----	151.9	211.658	146.7	.431	165.1	63.137	116.2	150.0	146.6
Aver.	1.918	228.1	2.424	167.8	8.964	131.7	------	-----	131.7	227.375	157.6	.456	174.7	74.205	136.6	159.4	192.4
1981																	
1-	1.048	124.6	-----	-----	7.360	108.1	------	-----	108.1	162.865	112.9	.450	172.4	70.000	128.8	130.0	123.0
2-	1.028	122.2	2.502	173.2	9.189	135.0	------	-----	135.0	322.319	223.4	.425	162.8	72.760	133.9	193.8	144.1
Aver.	1.043	124.0	2.502	173.2	8.256	121.3	------	-----	121.3	202.774	140.6	.440	168.6	72.410	133.3	147.2	131.8
1982																	
1-	1.293	153.7	2.282	157.9	9.247	135.0	18.000	226.1	142.1	293.234	203.3	.423	162.1	67.060	123.4	174.1	163.6
2-	1.699	202.0	2.917	201.9	8.742	128.4	------	-----	128.4	237.713	164.8	.480	183.9	89.857	165.4	170.7	182.1
Aver.	1.472	175.0	2.601	180.0	9.006	132.3	18.000	226.1	136.1	260.938	180.9	.456	174.7	74.361	136.9	170.5	173.1
1983																	
1-	1.034	123.0	5.398	373.7	10.617	155.9	10.250	128.7	148.5	232.039	160.9	.385	147.5	83.740	154.1	156.1	150.1
2-	1.093	130.0	6.670	461.9	10.648	156.4	------	-----	156.4	244.947	169.8	.417	159.8	69.091	127.2	164.4	163.2
Aver.	1.073	127.6	6.057	419.2	10.634	156.2	10.250	128.7	152.2	236.061	163.6	.396	151.7	82.468	151.8	158.2	155.7
1984																	
1-	2.206	262.3	3.427	237.2	11.030	162.0	------	-----	162.0	229.308	160.0	.416	159.4	110.77	203.9	150.1	221.6
1977 Base Year =	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0

----Insufficient Sample not used for computing index.

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STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PROGRAM DEVELOPMENT DIVISION

08/08/84

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

FIRST HALF OF 1984

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	9	3	0	6	8	24	50
Total Contract Amounts	$209,981	$266,483	$ 0	$2,185,209	$6,046,514	$ 97,965,088	$106,673,275
Average Contract Amount	$ 23,331	$ 88,828	$ 0	$ 364,201	$ 755,814	$ 4,081,879	$ 4,444,720
Number Bidders	69	24	0	36	38	128	295
Average Number Bidders per Project	7.7	8.0	0.0	6.0	4.8	5.3	5.9

Distributuion of Low Bid Tabulations for Major Items

Grading	20.8	Traffic Control	8.4
Drainage	5.1	Fencing	.5
Foundation	6.9	Maintenance Stockpile	0.0
Surfacing	46.3	Miscl. Items	5.9
Roadside Development	.3	Bridges	4.5
Erosion Control	1.3		

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DEPARTMENT OF HIGHWAYS

TED SCHWINDEN, GOVERNOR

2701 PROSPECT

STATE OF MONTANA

HELENA, MONTANA 59620

PLEASE RETURN

MONTANA STATE LIBRARY
1515 E. 6th AVE.
HELENA, MONTANA 59620

Gentlemen:

Enclosed is one copy of the Montana Department of Highways' Construction Cost Index for the second half of 1984.

This index, for the period June 30 to December 31, is computed at 255.5 as compared to the base year of 1977. This is an increase of 33.9 points, or the equivalent of 15.3 percent, when compared to the previous year.

The 1984 average composite index has increased 66.7 points when compared to the 1983 average composite index.

Sincerely,

Robert E. Champion, P.E., Administrator
Program Development Division

REC:JSE:sk:1cc

Enclosure

AN EQUAL OPPORTUNITY EMPLOYER

MONTANA CONSTRUCTION COST INDEX PRICE TRENDS

1977 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1967	.337	40.1	.778	53.8	4.283	62.9	4.250	53.4	59.2	77.742	53.9	.162	62.1	22.416	41.3	52.6	48.7
1968	.395	47.0	.967	66.9	4.068	59.7	------	-----	59.7	82.565	57.2	.158	60.5	21.869	40.3	55.4	52.6
1969	.443	52.7	.845	58.5	3.737	54.9	4.316	54.2	54.7	80.668	55.9	.153	58.6	25.399	46.7	55.5	54.1
1970	.508	60.4	.906	62.7	4.315	63.4	------	-----	63.4	98.067	67.9	.174	66.7	29.399	54.1	64.7	62.3
1971	.630	74.9	1.269	87.8	4.889	71.8	------	-----	71.8	107.020	74.2	.178	68.2	30.454	56.1	71.2	74.3
1972	.489	58.1	.885	61.2	4.082	60.0	------	-----	60.0	114.690	79.5	.202	77.4	35.686	65.7	76.5	62.8
1973	.451	53.6	.801	55.4	4.227	62.1	------	-----	62.1	124.090	86.0	.226	86.6	40.040	73.7	83.8	62.0
1974	.434	51.6	.806	55.8	4.468	65.6	------	-----	65.6	119.010	82.5	.336	128.7	50.407	92.7	94.5	64.0
1975	.677	80.5	1.471	101.8	6.245	91.7	8.444	106.1	103.4	144.117	99.9	.314	120.3	52.644	96.9	104.3	90.8
1976	.886	105.4	1.740	120.4	7.281	106.9	------	-----	106.9	177.243	122.9	.310	118.8	60.122	110.6	120.0	110.0
1977	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0
1978	1.014	120.6	1.985	137.4	7.021	103.1	9.231	115.9	105.4	207.668	144.0	.404	154.8	69.292	127.5	146.5	123.2
1979																	
Aver.	.946	112.5	2.162	150.0	7.975	117.1	21.384	268.6	127.2	234.394	162.5	.427	163.6	77.075	141.8	161.1	139.2
1980																	
1-	2.051	243.9	2.137	147.9	8.714	128.0	------	-----	128.0	241.083	167.1	.481	184.3	78.956	145.3	168.3	201.1
2-	1.011	120.2	5.000	346.0	10.344	151.9	------	-----	151.9	211.658	146.7	.431	165.1	63.137	116.2	150.0	146.6
Aver.	1.918	228.1	2.424	167.8	8.964	131.7	------	-----	131.7	227.375	157.6	.456	174.7	74.205	136.6	159.4	192.4
1981																	
1-	1.048	124.6	-----	-----	7.360	108.1	------	-----	108.1	162.865	112.9	.450	172.4	70.000	128.8	130.0	123.0
2-	1.028	122.2	2.502	173.2	9.189	135.0	------	-----	135.0	322.319	223.4	.425	162.8	72.760	133.9	193.8	144.1
Aver.	1.043	124.0	2.502	173.2	8.256	121.3	------	-----	121.3	202.774	140.6	.440	168.6	72.410	133.3	147.2	131.8
1982																	
1-	1.293	153.7	2.282	157.9	9.247	135.0	18.000	226.1	142.1	293.234	203.3	.423	162.1	67.060	123.4	174.1	163.6
2-	1.699	202.0	2.917	201.9	8.742	128.4	------	-----	128.4	237.713	164.8	.480	183.9	89.857	165.4	170.7	182.1
Aver.	1.472	175.0	2.601	180.0	9.006	132.3	18.000	226.1	136.1	260.938	180.9	.456	174.7	74.361	136.9	170.5	173.1
1983																	
1-	1.034	123.0	5.398	373.7	10.617	155.9	10.250	128.7	148.5	232.039	160.9	.385	147.5	83.740	154.1	156.1	150.1
2-	1.093	130.0	6.670	461.9	10.648	156.4	------	-----	156.4	244.947	169.8	.417	159.8	69.091	127.2	164.4	163.2
Aver.	1.073	127.6	6.057	419.2	10.634	156.2	10.250	128.7	152.2	236.061	163.6	.396	151.7	82.468	151.8	158.2	155.7
1984																	
1-	2.206	262.3	3.427	237.2	11.030	162.0	------	-----	162.0	229.308	160.0	.416	159.4	110.77	203.9	168.5	221.6
2-	1.980	235.4	13.000	899.7	11.572	170.0	------	-----	170.0	259.525	179.9	.419	160.5	------	-----	172.3	255.5
Aver.	2.190	260.4	3.589	248.4	11.173	164.1	------	-----	164.1	236.697	164.1	.417	159.8	110.77	203.9	168.7	222.4
1977																	
Base Year =	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0

----Insufficient Sample not used for computing index.

JSE/sk/206c

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PROGRAM DEVELOPMENT DIVISION

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

Second Half of 1984

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	2	7	4	--	4	7	34
Total Contract Amounts	$40,048	442,527	758,173	--	3,149,195	29,445,619	33,835,561
Average Contract Amount	$20,024	63,218	189,543	--	787,299	1,732,095	995,164
Number Bidders	12	45	17	--	17	91	182
Average Number Bidders per Project	6.0	6.4	4.3	--	4.3	5.4	5.4

Distributuion of Low Bid Tabulations for Major Items

Grading	9.4	Traffic Control	9.6
Drainage	3.8	Fencing	.3
Foundation	9.5	Maintenance Stockpile	.7
Surfacing	44.8	Miscl. Items	7.2
Roadside Development	2.9	Bridges	10.9
Erosion Control	.9		

JSE/sk/5ss2

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PROGRAM DEVELOPMENT DIVISION

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

Total Year 1984

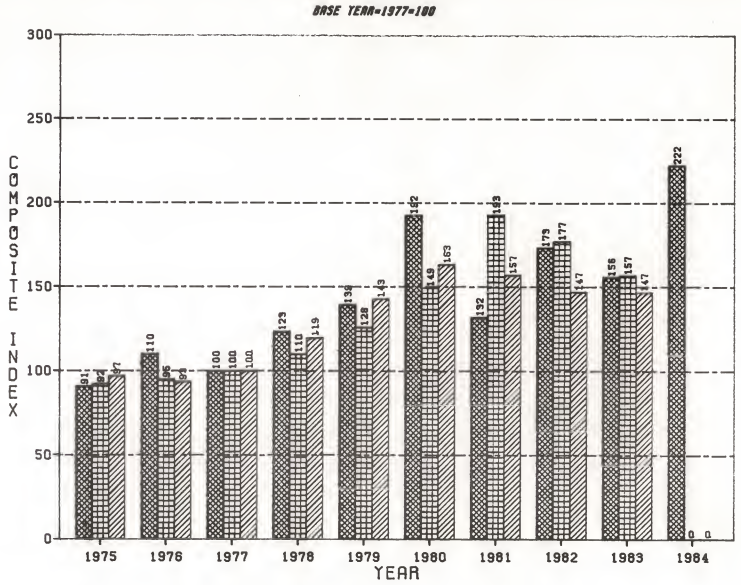
Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	11	10	4	6	12	41	84
Total Contract Amounts	$250,029	709,010	758,172	2,185,209	9,195,709	129,410,707	140,508,836
Average Contract Amount	$22,730	70,901	189,543	364,201	766,309	3,156,359	1,269,920
Number Bidders	81	69	17	36	55	219	477
Average Number Bidders per Project	7.4	6.9	4.3	6.0	4.9	5.3	5.7

Distributuion of Low Bid Tabulations for Major Items

Grading	18.1	Traffic Control	8.7
Drainage	4.8	Fencing	.4
Foundation	7.5	Maintenance Stockpile	.2
Surfacing	45.9	Miscl. Items	6.2
Roadside Development	1.0	Bridges	6.0
Erosion Control	1.2		

JSE/sk/5ss1

CONSTRUCTION COST INDEX PRICE TRENDS



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HELENA, MONTANA 59620

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HELENA, MONTANA 59620

August 15, 1985

Gentlemen:

Attached is the Montana Cost Index Price Trends for the first half of 1985, computed on a 1977 base year.

The composite index standing at 191.9 is 63.6 points lower than the previous year end index and represents a change of 24.9 percent.

We hope this information is of interest to you in following price trends in this area.

Sincerely,

Robert E. Champion, P.E., Administrator
Program Development Division

REC:jm:3Ac

PLEASE RETURN

MONTANA CONSTRUCTION COST INDEX PRICE TRENDS

1977 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1967	.337	40.1	.778	53.8	4.283	62.9	4.250	53.4	59.2	77.742	53.9	.162	62.1	22.416	41.3	52.6	48.7
1968	.395	47.0	.967	66.9	4.068	59.7	------	-----	59.7	82.565	57.2	.158	60.5	21.869	40.3	55.4	52.6
1969	.443	52.7	.845	58.5	3.737	54.9	4.316	54.2	54.7	80.668	55.9	.153	58.6	25.399	46.7	55.5	54.1
1970	.508	60.4	.906	62.7	4.315	63.4	------	-----	63.4	98.067	67.9	.174	66.7	29.399	54.1	64.7	62.3
1971	.630	74.9	1.269	87.8	4.889	71.8	------	-----	71.8	107.020	74.2	.178	68.2	30.454	56.1	71.2	74.3
1972	.489	58.1	.885	61.2	4.082	60.0	------	-----	60.0	114.690	79.5	.202	77.4	35.686	65.7	76.5	62.8
1973	.451	53.6	.801	55.4	4.227	62.1	------	-----	62.1	124.090	86.0	.226	86.6	40.040	73.7	83.8	62.0
1974	.434	51.6	.806	55.8	4.468	65.6	------	-----	65.6	119.010	82.5	.336	128.7	50.407	92.7	94.5	64.0
1975	.677	80.5	1.471	101.8	6.245	91.7	8.444	106.1	103.4	144.117	99.9	.314	120.3	52.644	96.9	104.3	90.8
1976	.886	105.4	1.740	120.4	7.281	106.9	------	-----	106.9	177.243	122.9	.310	118.8	60.122	110.6	120.0	110.0
1977	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0
1978	1.014	120.6	1.985	137.4	7.021	103.1	9.231	115.9	105.4	207.668	144.0	.404	154.8	69.292	127.5	146.5	123.2
1979	.946	112.5	2.162	150.0	7.975	117.1	21.384	268.6	127.2	234.394	162.5	.427	163.6	77.075	141.8	161.1	139.2
1980																	
1-	2.051	243.9	2.137	147.9	8.714	128.0	------	-----	128.0	241.083	167.1	.481	184.3	78.956	145.3	168.3	201.1
2-	1.011	120.2	5.000	346.0	10.344	151.9	------	-----	151.9	211.658	146.7	.431	165.1	63.137	116.2	150.0	146.6
Aver.	1.918	228.1	2.424	167.8	8.964	131.7	------	-----	131.7	227.375	157.6	.456	174.7	74.205	136.6	159.4	192.4
1981																	
1-	1.048	124.6	-----	-----	7.360	108.1	------	-----	108.1	162.865	112.9	.450	172.4	70.000	128.8	130.0	123.0
2-	1.028	122.2	2.502	173.2	9.189	135.0	------	-----	135.0	322.319	223.4	.425	162.8	72.760	133.9	193.8	144.1
Aver.	1.043	124.0	2.502	173.2	8.256	121.3	------	-----	121.3	202.774	140.6	.440	168.6	72.410	133.3	147.2	131.8
1982																	
1-	1.293	153.7	2.282	157.9	9.247	135.0	18.000	226.1	142.1	293.234	203.3	.423	162.1	67.060	123.4	174.1	163.6
2-	1.699	202.0	2.917	201.9	8.742	128.4	------	-----	128.4	237.713	164.8	.480	183.9	89.857	165.4	170.7	182.1
Aver.	1.472	175.0	2.601	180.0	9.006	132.3	18.000	226.1	136.1	260.938	180.9	.456	174.7	74.361	136.9	170.5	173.1
1983																	
1-	1.034	123.0	5.398	373.7	10.617	155.9	10.250	128.7	148.5	232.039	160.9	.385	147.5	83.740	154.1	156.1	150.1
2-	1.093	130.0	6.670	461.9	10.648	156.4	------	-----	156.4	244.947	169.8	.417	159.8	69.091	127.2	164.4	163.2
Aver.	1.073	127.6	6.057	419.2	10.634	156.2	10.250	128.7	152.2	236.061	163.6	.396	151.7	82.468	151.8	158.2	155.7
1984																	
1-	2.206	262.3	3.427	237.2	11.030	162.0	------	-----	162.0	229.308	160.0	.416	159.4	110.77	203.9	168.5	221.6
2-	1.980	235.4	13.000	899.7	11.572	170.0	------	-----	170.0	259.525	179.9	.419	160.5	------	-----	172.3	255.5
Aver.	2.190	260.4	3.589	248.4	11.173	164.1	------	-----	164.1	236.697	164.1	.417	159.8	110.77	203.9	168.7	222.4
1985																	
1-	1.704	202.6	3.780	261.6	11.582	170.1	-----	-----	170.1	237.627	164.7	.413	158.2	84.444	155.4	162.3	191.9
1977																	
Base Year =	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0

----Insufficient Sample not used for computing index.

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PROGRAM DEVELOPMENT DIVISION

14/08/85

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

FIRST HALF OF 1985

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	8	5	3	5	9	28	58
Total Contract Amounts	$112,365	343,646	442,252	1,511,674	6,327,945	73,435,382	82,173,264
Average Contract Amount	$14,046	68,729	147,417	302,335	703,105	2,622,692	1,416,780
Number Bidders	46	21	14	24	36	116	257
Average Number Bidders per Project	5.8	4.2	4.7	4.8	4.0	4.1	4.4

Distributuion of Low Bid Tabulations for Major Items

Grading	15.6	Traffic Control	8.9
Drainage	4.1	Fencing	.5
Foundation	10.2	Maintenance Stockpile	3.2
Surfacing	46.5	Miscl. Items	7.3
Roadside Development	.4	Bridges	2.2
Erosion Control	1.1		

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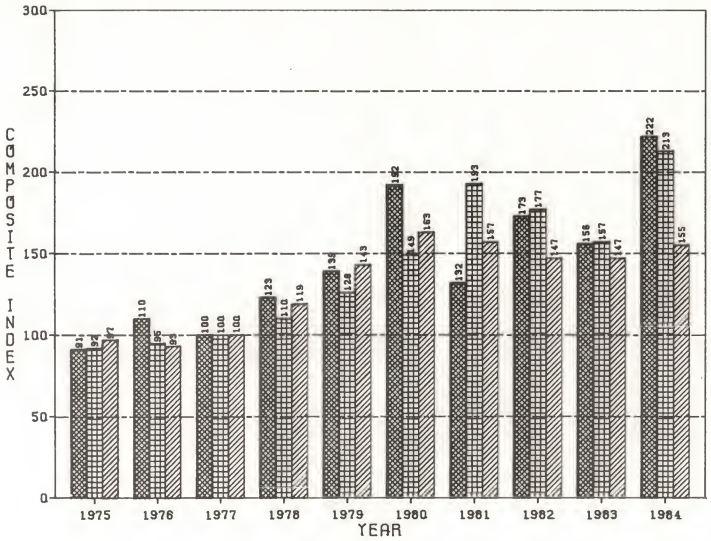
CONSTRUCTION COST INDEX PRICE TRENDS

BASE YEAR=1977=100



MONTANA COST INDEX
FHWA COST INDEX FOR MONTANA
FHWA COST INDEX FOR U.S.

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PLEASE RETURN

MONTANA CONSTRUCTION COST INDEX PRICE TRENDS

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1977 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING: PLANT MIXED BITUMINOUS (TON)		SURFACING: PORTLAND CEMENT CONCRETE (SQUARE YARD)		SURFACING INDEX	STRUCTURES: STRUCTURE CONCRETE (CUBIC YARD)		STRUCTURES: REINFORCING STEEL (POUNDS)		STRUCTURES: PRESTRESSED BEAMS (FOOT)		STRUCTURES INDEX	COMPOSITE INDEX
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1967	.337	40.1	.778	53.8	4.283	62.9	4.250	53.4	59.2	77.742	53.9	.162	62.1	22.416	41.3	52.6	48.7
1968	.395	47.0	.967	66.9	4.068	59.7	------	-----	59.7	82.565	57.2	.158	60.5	21.869	40.3	55.4	52.6
1969	.443	52.7	.845	58.5	3.737	54.9	4.316	54.2	54.7	80.668	55.9	.153	58.6	25.399	46.7	55.5	54.1
1969	.443	52.7	.845	58.5	4.315	63.4	------	-----	63.4	98.067	67.9	.174	66.7	29.399	54.1	64.7	62.3
1970	.508	60.4	.906	62.7	4.889	71.8	------	-----	71.8	107.020	74.2	.178	68.2	30.454	56.1	71.2	74.3
1971	.630	74.9	1.269	87.8	4.082	60.0	------	-----	60.0	114.690	79.5	.202	77.4	35.686	65.7	76.5	62.8
1972	.489	58.1	.885	61.2	4.227	62.1	------	-----	62.1	124.090	86.0	.226	86.6	40.040	73.7	83.8	62.0
1973	.451	53.6	.801	55.4	4.227	62.1	------	-----	62.1	119.010	82.5	.336	128.7	50.407	92.7	94.5	64.0
1974	.434	51.6	.806	55.8	4.468	65.6	------	-----	65.6	144.117	99.9	.314	120.3	52.644	96.9	104.3	90.8
1975	.677	80.5	1.471	101.8	6.245	91.7	8.443	100.1	103.4	144.117	99.9	.310	118.8	60.122	110.6	120.0	110.0
1976	.886	105.4	1.740	120.4	7.281	106.9	------	-----	106.9	177.243	122.9	.310	118.8	54.338	100.0	100.0	100.0
1976	.886	105.4	1.740	120.4	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	69.292	127.5	146.5	123.2
1977	.841	100.0	1.445	100.0	7.021	103.1	9.231	115.9	105.4	207.668	144.0	.404	154.8	77.075	141.8	161.1	139.2
1978	1.014	120.6	1.985	137.4	7.975	117.1	21.384	268.6	127.2	234.394	162.5	.427	163.6	74.205	136.6	159.4	192.4
1979	.946	112.5	2.162	150.0	8.964	131.7	------	-----	131.7	227.375	157.6	.456	174.7				
1980	1.918	228.1	2.424	167.8													
1981																	
1-	1.048	124.6	------	-----	7.360	108.1	------	-----	108.1	162.865	112.9	.450	172.4	70.000	128.8	130.0	123.0
2-	1.028	122.2	2.502	173.2	9.189	135.0	------	-----	135.0	322.319	223.4	.425	162.8	72.760	133.9	193.8	144.1
Aver.	1.043	124.0	2.502	173.2	8.256	121.3	------	-----	121.3	202.774	140.6	.440	168.6	72.410	133.3	147.2	131.8
1982																	
1-	1.293	153.7	2.282	157.9	9.247	135.0	18.000	226.1	142.1	293.234	203.3	.423	162.1	67.060	123.4	174.1	163.6
2-	1.699	202.0	2.917	201.9	8.742	128.4	------	-----	128.4	237.713	164.8	.480	183.9	89.857	165.4	170.7	182.1
Aver.	1.472	175.0	2.601	180.0	9.006	132.3	18.000	226.1	136.1	260.938	180.9	.456	174.7	74.361	136.9	170.5	173.1
1983																	
1-	1.034	123.0	5.398	373.7	10.617	155.9	10.250	128.7	148.5	232.039	160.9	.385	147.5	83.740	154.1	156.1	150.1
2-	1.093	130.0	6.670	461.9	10.648	156.4	------	-----	156.4	244.947	169.8	.417	159.8	69.091	127.2	164.4	163.2
Aver.	1.073	127.6	6.057	419.2	10.634	156.2	10.250	128.7	152.2	236.061	163.6	.396	151.7	82.468	151.8	158.2	155.7
1984																	
1-	2.206	262.3	3.427	237.2	11.030	162.0	------	-----	162.0	229.308	160.0	.416	159.4	110.77	203.9	168.5	221.6
2-	1.980	235.4	13.000	899.7	11.572	170.0	------	-----	170.0	259.525	179.9	.419	160.5	------	-----	172.3	255.5
Aver:	2.190	260.4	3.589	248.4	11.173	164.1	------	-----	164.1	236.697	164.1	.417	159.8	110.77	203.9	168.7	222.4
1985																	
1-	1.704	202.6	3.781	261.6	11.582	170.1	------	-----	170.1	237.627	164.7	.413	158.2	84.444	155.4	162.3	191.9
1-	1.736	206.4	3.629	251.1	11.559	169.8	11.438	143.7	159.7	249.084	172.7	.431	165.1	100.172	184.3	172.1	190.6
2-	1.720	204.5	3.705	256.4	11.571	169.9	11.438	143.7	164.2	243.356	168.7	.422	161.7	92.308	169.9	167.2	189.0
Aver.																	
1977																	
Base Year =	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0

----Insufficient Sample not used for computing index.

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PLEASE RETURN

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

Total Year 1985

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	12	8	8	8	15	49	100
Total Contract Amounts	$203,573	$571,130	$1,288,311	$2,487,182	$10,479,131	$154,224,247	$169,253,574
Average Contract Amount	$16,964	$71,391	$161,039	$310,898	$698,609	$3,147,434	$1,692,526
Number Binders	60	36	37	32	62	233	460
Average Number Bidders per Project	5.0	4.5	4.6	4.0	4.1	9.5	4.6

Distribution of Low Bid Tabulations for Major Items

Grading	14.2	Traffic Control	7.3
Drainage	5.4	Fencing	.6
Foundation	9.8	Maintenance Stockpile	2.2
Surfacing	44.9	Miscl. Items	6.3
Roadside Development	.8	Bridges	7.3
Erosion Control	1.2		

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NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

Second Half of 1985

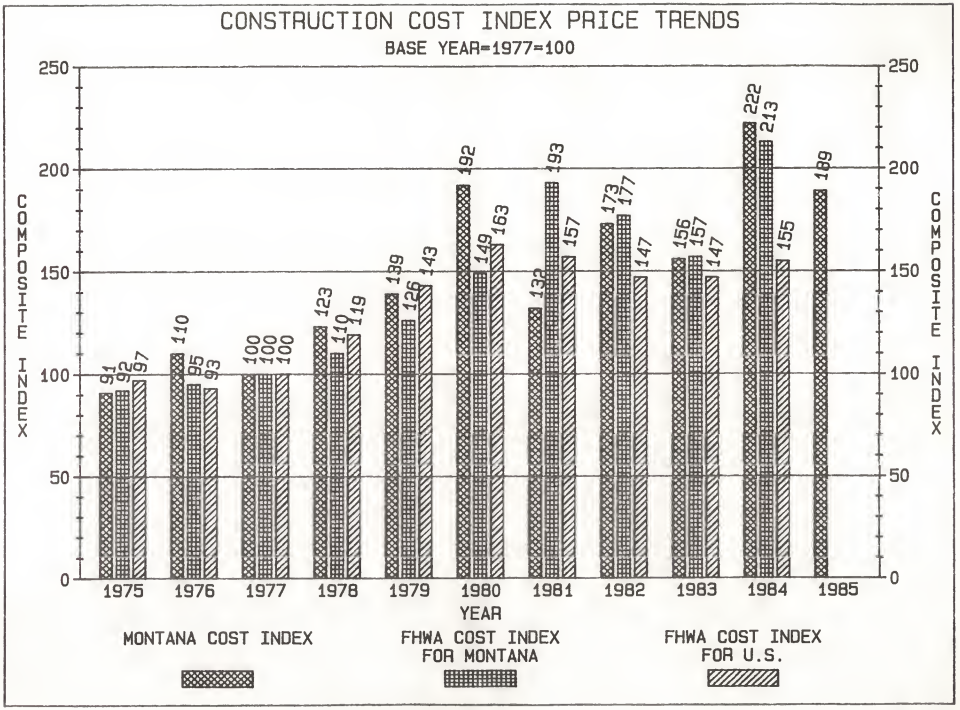
STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	4	3	5	3	6	21	42
Total Contract Amounts	$91,207	$227,484	$846,059	$975,508	$4,154,486	$80,788,865	$87,083,609
Average Contract Amount	$22,812	$75,828	$169,212	$325,169	$692,414	$3,847,089	$2,073,419
Number Binders	14	15	23	8	26	117	203
Average Number Bidders per Project	3.5	5.0	4.6	2.7	4.3	5.6	4.8

Distribution of Low Bid Tabulations for Major Items

Grading	12.9	Traffic Control	5.7
Drainage	6.6	Fencing	.7
Foundation	9.4	Maintenance Stockpile	1.2
Surfacing	43.3	Miscl. Items	5.5
Roadside Development	1.1	Bridges	12.2
Erosion Control	1.4		

JE:sk:4ff2


CONSTRUCTION COST INDEX PRICE TRENDS
BASE YEAR=1977=100
COMPOSITE INDEX
250
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MONTANA COST INDEX
FHWA COST INDEX FOR MONTANA
FHWA COST INDEX FOR U.S.

DEPARTMENT OF HIGHWAYS

TED SCHWINDEN, GOVERNOR

2701 PROSPECT

STATE OF MONTANA

HELENA MONTANA 59620

February 13, 1986

Enclosed is the Montana Department of Highways' Construction Cost Index for the second half of 1985.

This index, for the period June 30 to December 31, is computed at 190.6 as compared to the base year of 1977. This is a decrease of 64.9 points, or the equivalent of 25.4 percent, when compared to the previous year.

The 1985 average composite index has decreased 33.4 points when compared to the 1984 average composite index.

ROBERT E. CHAMBERLAIN, ADMINISTRATOR
PROGRAM DEVELOPMENT DIVISION

REC:JSE:jm:2hh

Enclosure

AN EQUAL OPPORTUNITY EMPLOYER

DEPARTMENT OF HIGHWAYS

TED SCHWINDEN, GOVERNOR

2701 PROSPECT

STATE OF MONTANA

HELENA, MONTANA 59620

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August 12, 1986

Attached is the Montana Cost Index Price Trends for the first half of 1986, computed on a 1977 base year.

The composite index standing at 244.8 is 54.2 points higher than the previous year end index and represents a change of 28.7 percent.

We hope this information is of interest to you in following price trends in this area.

ROBERT E. CHAMPION, P.E., ADMINISTRATOR
PROGRAM DEVELOPMENT DIVISION

REC:JSE:jm:lv

AN EQUAL OPPORTUNITY EMPLOYER

MONTANA CONSTRUCTION COST INDEX PRICE TRENDS

JSE:sk:206c

1977 = 100

YEAR	UNCLASSIFIED EXCAVATION (CUBIC YARD)		BASE COURSE (TON)		SURFACING					STRUCTURES							COMPOSITE INDEX
					PLANT MIXED BITUMINOUS (TON)		PORTLAND CEMENT CONCRETE (SQUARE YARD)		INDEX	STRUCTURE CONCRETE (CUBIC YARD)		REINFORCING STEEL (POUNDS)		PRESTRESSED BEAMS (FOOT)		INDEX	
	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		BID PRICE	INDEX	BID PRICE	INDEX	BID PRICE	INDEX		
1967	.337	40.1	.778	53.8	4.283	62.9	4.250	53.4	59.2	77.742	53.9	.162	62.1	22.416	41.3	52.6	48.7
1968	.395	47.0	.967	66.9	4.068	59.7	------	-----	59.7	82.565	57.2	.158	60.5	21.869	40.3	55.4	52.6
1969	.443	52.7	.845	58.5	3.737	54.9	4.316	54.2	54.7	80.668	55.9	.153	58.6	25.399	46.7	55.5	54.1
1970	.508	60.4	.906	62.7	4.315	63.4	------	-----	63.4	98.067	67.9	.174	66.7	29.399	54.1	64.7	62.3
1971	.630	74.9	1.269	87.8	4.889	71.8	------	-----	71.8	107.020	74.2	.178	68.2	30.454	56.1	71.2	74.3
1972	.489	58.1	.885	61.2	4.082	60.0	------	-----	60.0	114.690	79.5	.202	77.4	35.686	65.7	76.5	62.8
1973	.451	53.6	.801	55.4	4.227	62.1	------	-----	62.1	124.090	86.0	.226	86.6	40.040	73.7	83.8	62.0
1974	.434	51.6	.806	55.8	4.468	65.6	------	-----	65.6	119.010	82.5	.336	128.7	50.407	92.7	94.5	64.0
1975	.677	80.5	1.471	101.8	6.245	91.7	8.444	106.1	103.4	144.117	99.9	.314	120.3	52.644	96.9	104.3	90.8
1976	.886	105.4	1.740	120.4	7.281	106.9	------	-----	106.9	177.243	122.9	.310	118.8	60.122	110.6	120.0	110.0
1977	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0
1978	1.014	120.6	1.985	137.4	7.021	103.1	9.231	115.9	105.4	207.668	144.0	.404	154.8	69.292	127.5	146.5	123.2
1979	.946	112.5	2.162	150.0	7.975	117.1	21.384	268.6	127.2	234.394	162.5	.427	163.6	77.075	141.8	161.1	139.2
1980	1.918	228.1	2.424	167.8	8.964	131.7	------	-----	131.7	227.375	157.6	.456	174.7	74.205	136.6	159.4	192.4
1981																	
1-	1.048	124.6	-----	-----	7.360	108.1	------	-----	108.1	162.865	112.9	.450	172.4	70.000	128.8	130.0	123.0
2-	1.028	122.2	2.502	173.2	9.189	135.0	------	-----	135.0	322.319	223.4	.425	162.8	72.760	133.9	193.8	144.1
Aver.	1.043	124.0	2.502	173.2	8.256	121.3	------	-----	121.3	202.774	140.6	.440	168.6	72.410	133.3	147.2	131.8
1982																	
1-	1.293	153.7	2.282	157.9	9.247	135.0	18.000	226.1	142.1	293.234	203.3	.423	162.1	67.060	123.4	174.1	163.6
2-	1.699	202.0	2.917	201.9	8.742	128.4	------	-----	128.4	237.713	164.8	.480	183.9	89.857	165.4	170.7	182.1
Aver.	1.472	175.0	2.601	180.0	9.006	132.3	18.000	226.1	136.1	260.938	180.9	.456	174.7	74.361	136.9	170.5	173.1
1983																	
1-	1.034	123.0	5.398	373.7	10.617	155.9	10.250	128.7	148.5	232.039	160.9	.385	147.5	83.740	154.1	156.1	150.1
2-	1.093	130.0	6.670	461.9	10.648	156.4	------	-----	156.4	244.947	169.8	.417	159.8	69.091	127.2	164.4	163.2
Aver.	1.073	127.6	6.057	419.2	10.634	156.2	10.250	128.7	152.2	236.061	163.6	.396	151.7	82.468	151.8	158.2	155.7
1984																	
1-	2.206	262.3	3.427	237.2	11.030	162.0	------	-----	162.0	229.308	160.0	.416	159.4	110.77	203.9	168.5	221.6
2-	1.980	235.4	13.000	899.7	11.572	170.0	------	-----	170.0	259.525	179.9	.419	160.5	------	-----	172.3	255.5
Aver.	2.190	260.4	3.589	248.4	11.173	164.1	------	-----	164.1	236.697	164.1	.417	159.8	110.77	203.9	168.7	222.4
1985																	
1-	1.704	202.6	3.781	261.6	11.582	170.1	------	-----	170.1	237.627	164.7	.413	158.2	84.444	155.4	162.3	191.9
2-	1.736	206.4	3.629	251.1	11.559	169.8	11.438	143.7	159.7	249.084	172.7	.431	165.1	100.172	184.3	172.1	190.6
Aver.	1.720	204.5	3.705	256.4	11.571	169.9	11.438	143.7	164.2	243.356	168.7	.422	161.7	92.308	169.9	167.2	189.0
1986																	
1-	2.619	311.4	3.500	242.2	11.825	173.7	7.650	96.1	155.9	322.701	223.7	.484	185.4	86.959	160.0	197.5	244.8
1977																	
Base Year =	.841	100.0	1.445	100.0	6.809	100.0	7.962	100.0	100.0	144.252	100.0	.261	100.0	54.338	100.0	100.0	100.0

----Insufficient Sample not used for computing index.

NUMBER AND SIZE OF PROJECTS, TOTAL CONTRACT AMOUNTS AND AVERAGE NUMBER OF BIDDERS

First Half of 1986

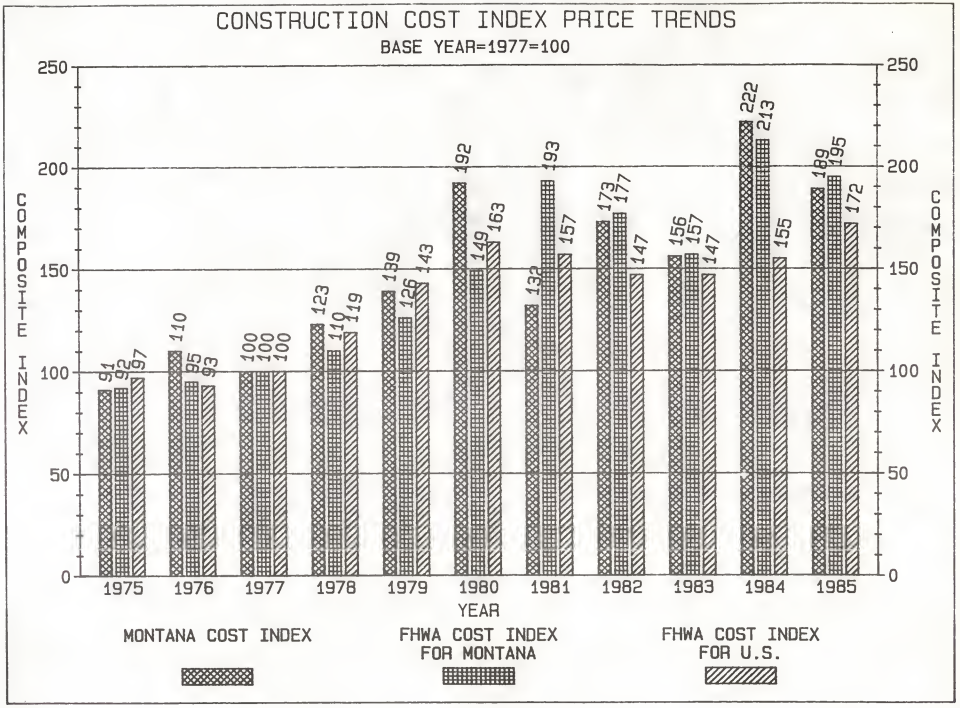
STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

Project Volume	Under $50,000	$50,000 to $100,000	$100,000 to $250,000	$250,000 to $500,000	$500,000 to $1,000,000	Over $1,000,000	Total All Projects
Number of Projects	6	4	7	10	7	22	56
Total Contract Amounts	189,204	$331,047	$1,185,804	$3,647,592	$4,872,206	$53,603,147	$63,829,000
Average Contract Amount	31,534	$82,762	$169,401	$364,759	$696,029	$2,436,507	$1,139,804
Number Binders	21	29	37	43	37	110	277
Average Number Bidders per Project	3.5	7.3	5.3	4.3	5.3	5.0	5.0

Distribution of Low Bid Tabulations for Major Items

Grading	13.7%	Traffic Control	10.9%
Drainage	2.2	Fencing	.5
Foundation	5.5	Maintenance Stockpile	1.0
Surfacing	50.7	Miscl. Items	6.6
Roadside Development	.1	Bridges	7.6
Erosion Control	1.2		

JSE:jm:1rr


CONSTRUCTION COST INDEX PRICE TRENDS
BASE YEAR=1977=100
COMPOSITE INDEX
250
200
150
100
50
0
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
YEAR
91
92
97
110
95
93
100
100
100
123
110
119
139
126
143
192
149
163
132
193
157
173
177
147
156
157
147
222
213
155
189
195
172
MONTANA COST INDEX
FHWA COST INDEX FOR MONTANA
FHWA COST INDEX FOR U.S.